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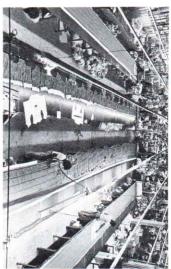
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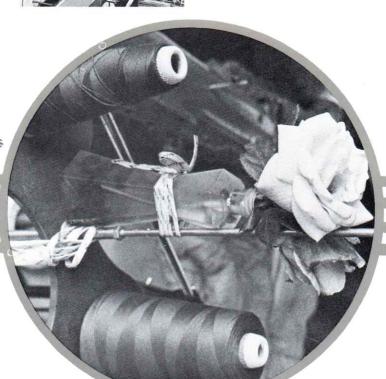
were an enthusiastic group of individuals determined to When we sold our first down bag early in 1973, we inject a new, high spirited idealism into a complacent and decidedly unimaginative industry. Back then, each competitor's sleeping bag was just about the same as the next, give or take a seam here or there. As a new organization, without ties to existing manufacturers, we were not burdened by preconceived notions about how to sew nylon to nylon. In this frame of mind, we set about applying our innovative ideas to the art of making sleeping bags. We were applauded at once for our over-eagerness to rewrite the book of designing split apart at the slightest tug. Nevertheless, we cortened to our critics and relied heavily on suggestions packing/mountaineering shops. We enlisted some of the world's foremost climbers and expedition figures to such novel features as our patented Two Zipper System and Differential Baffle Depth. On the other hand, principles led to a few blunders. For example, we conly indestructable seam was actually overperforated and rected and learned from mistakes like that one. We lisand advice from our nationwide network of backhelp us in the development of a rigorous product test-We refined and perfected existing structed a seam with 18 stitches per inch; this supposedmodels. We continued to act on bold, new concepts. As we grew, we added sophisticated lines of garments and tents. We introduced new fabrics to the mountaining program.

volution. Nearly five years have passed since that first bag left our old building. In that time, our company accessible regions of the globe. Over fifty major In the midst of all this, we began the Polarguard® Reexpeditions have purchased Snow Lion equipment durmountaineering industry. Demand for Snow Lion products has grown faster than our ability to supply it. Numerous American, European and Asian expedition when planning ventures into the most remote and ining the last three years alone. Further, in nearly every Snow Lion has received the highest ratings. Finally, the most satisfying testimonials have come from the has become the most successful in the backpacking/ countless backpackers, climbers, and outdoor enthusiasts who have enjoyed using our products and published evaluation of mountaineering products, teams now consider Snow Lion gear "essential stuff" have taken the time to express their appreciation to us.

Sure, we are pleased, but not so pleased that we have lost sight of that "high spirited idealism" which inspired the founding of Snow Lion in the first place. Rest assured that, we, the people of Snow Lion, will continue to expend all our creative energy in the search for new visions in the design and production of the world's most advanced backpacking/mountaineering equipment.



Most of our employees are conscientious workers, but there's always someone who can't resist playing in the Polarguard.

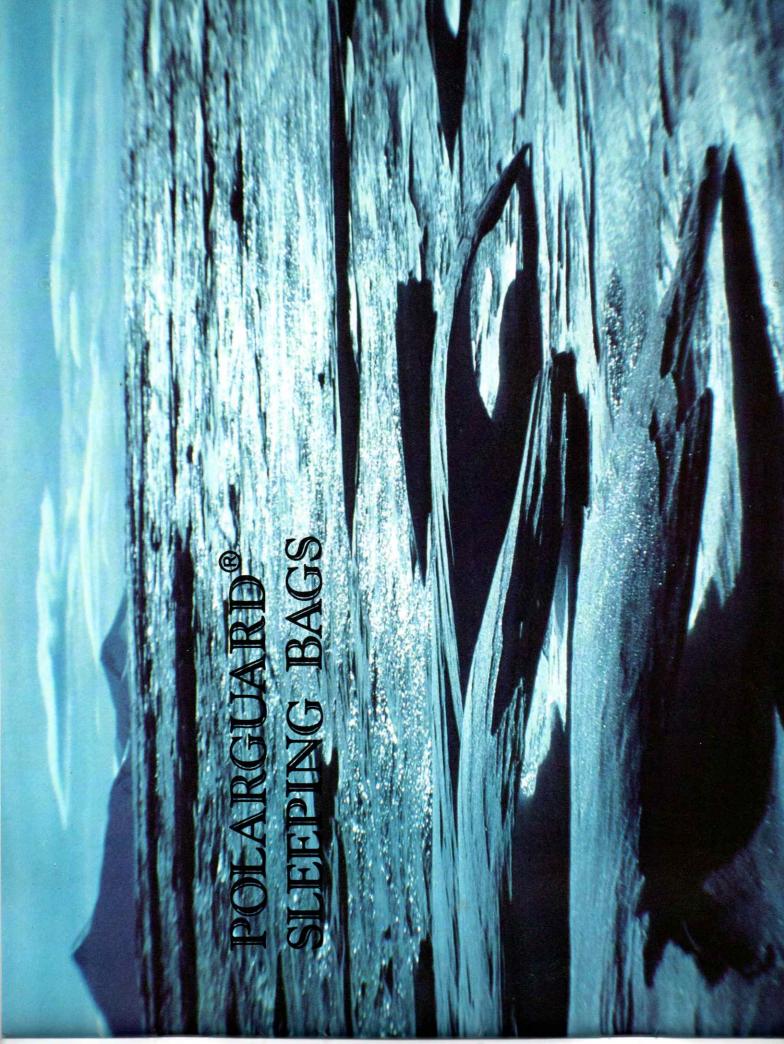




Anita, one of our skilled sewing machine operators, demonstrates a bar tacking technique used in our products.



We've been asked why we built a special isolated mezanine for our downfillers. Paul's choice of headwear should give you some idea.



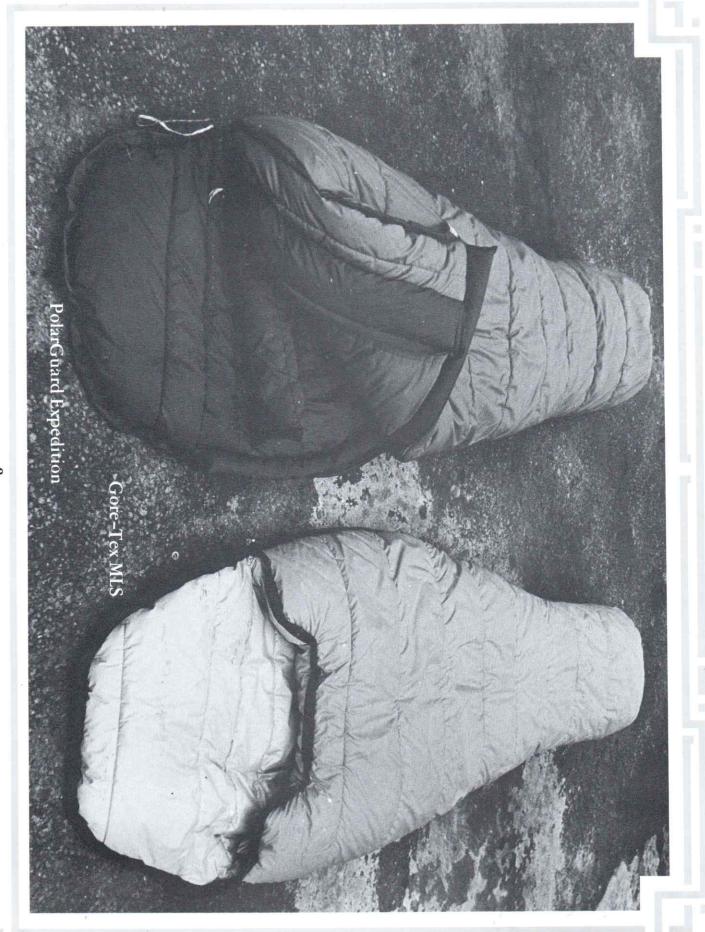




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POLARGUARD® SLEEPING BAGS

As the pioneering force behind the development and taineering community, we have significantly altered modern day thinking about lightweight insulating systems for wilderness travel. With the help of resilient and long-lasting. We have received countless where. During 1975-1977, for instance, over fifty major American, British, German, 'Canadian, and Japanese high altitude expeditions have decided to purchase Snow Lion Polarguard filled products. While this application of Polarguard for the backpacking/mounthousands of climbers and hikers, we have proven beyond argument that Polarguard products are tough, testimonials from alpinists and backpackers everydoesn't make Polarguard the "wondercure" for every possible cold, wet, windy or icy situation, it clearly demonstrates the overwhelming acceptance of Polarguard by the people whose lives depend on the equipment they use.

It is common knowledge that down has a superior warmth-to-weight ratio, is more compressible and has been around a lot longer than Polarguard. So, why the incredible rush for Polarguard?

ADVANTAGES OF POLARGUARD OVER DOWN

DRIES FASTER. Polarguard dries many times faster than down and maintains much better insulation when wet. After several days of use, compare down and Polarguard bags. The water heavy down bag loses loft while the Polarguard bag maintains its thickness.

UNIFORMITY. Polarguard's layered continuous filament polyester fibers provide a uniform, "never shifting" barrier of insulation which does not break down, even after repeated washings or stuffings.

RESILIENCE. Because Polarguard has a resilient springiness, greater insulation is achieved under the body in a sleeping bag. Hence, a thinner, lighter ground pad, if any, suffices.

WASHABILITY. Polarguard products are easier to take care of than their down counterparts. Frequent washings will not reduce insulation or in any way harm the products, provided that the recommended cleaning instructions are followed. After a few washings, the surface stabilizing resins dissolve and the Polarguard softens and may actually increase in loft.

Fortrel® Polarguard® a trademark of Fiber Industries, Inc., a subsidiary of Celanese Corporation.

TOUGHNESS. If the protective fabric to a Polarguard product tears or punctures, repair may be postponed until convenient without fear of leakage or lost insulation. Also, a Polarguard product may be roughly handled without damaging the interior construction.

READY TO USE. A Polarguard product need not be fluffed or "prepared" before use to attain loft.

"CLOTHES DRIER." With the assistance of body heat, Polarguard sleeping bags absorb the moisture from wet clothing. This "drying effect" can be of critical importance to persons encountering snowy or wet conditions.

PLEASANT TO THE SENSES. Polarguard polyester fibers are non-allergenic and completely odorless.

REASONABLY PRICED. Polarguard is considerably less expensive than down when applied to products intended for the same use.

THE BREAK-THROUGH DECISION TO USE POLARGUARD

more widely known polyesters such as DuPont's Dacron Fiberfill II,® now called Hollowfil® . However, when prototypes of bags, filled with Fiberfill II or other after only a few washings and stuffings, we began testing the relatively new Celanese Polarguard. After pensive Polarguard became apparent. Unlike the other Polarguard is composed of long continuous filament When we contemplated the production of synthetic filled products in 1972, our first inclination was toward polyesters developed separations, gaps and clumping only a few days the obvious superiority of the more expolyesters, which consist of short 2 inch-4 inch fibers, polyester fibers of great strength and resiliency. Polarguard simply does not separate, mat or clump after numerous washings and stuffings as do the conventional "staple" polyester fiberfills.

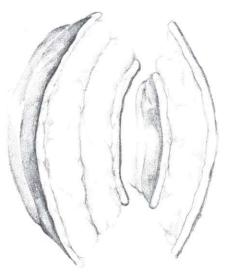
With the lab and field tests decisively one-sided, we committed to the unheralded Polarguard. We concentrated on the development of ultra-sophisticated products for distribution solely through our nation-wide dealer network of selected mountaineering/backpacking shops. So tremendous was the consumer response that our production lagged three to four months behind the demand during most of 1974 and 1975.

Within two years, most of our competitors rushed to join the Polarguard bandwagon, but they quickly discovered, as we had, that the tough, continuous filament fibers were extremely difficult to work with. The early break-through decision to use Polarguard gave us a tremendous lead in the handling, cutting and sewing of Polarguard. It was no surprise, then, that Snow Lion Polarguard bags became the finest in the world.

DESIGN AND CONSTRUCTION: THE NEXT GENERATION

Our 1978 Polarguard sleeping bags represent the most innovative conceptual step we have ever taken. We have literally redefined the status of Polarguard for use in sophisticated sleeping bags. While nearly all competitors have been using the standards and terminology of construction which we first developed, our design staff, with the advice and assistance of hundreds of mountaineers, has created a futuristic, new generation of Polarguard bags. So technically advanced is the production methodology that everything that has come before is rendered obsolere.

VARIABLE LAYERING SYSTEM. We purchase Polarguard batting in four thicknesses. Our new construction system dictates using only the thinnest batts for quilted layers and combinations of thin and/or thick batts for inner "sandwich layers." It is our determination that quilting is the most durable method of stabilizing Polarguard. Thus, all our bags feature quilted outer surfaces and linings.



our answer to those determined individuals who will enough for backpacking. To keep the average sleeper which pairs one on top of another, and which is light around-the-foot bag which opens for use as a comforter, settle for nothing less than a roomy, hoodless, zipsection of the SEMI is individually cut, Overlock three layer sandwich on top and bottom. Each quilted warm at freezing temperatures, the construction is a ed Trinyl. Built for the backpacker or camper looking Stitched, and reinforced for durability. Lighter and for the last word in wide bodied comfort. loftier, the 1978 SEMI features a lush interior of blend Short for semi-rectangle, the barrel-shaped SEMI is

Avg. Min. Temp Conservatively Estimated: 25°F

Available in Spruce Green Outside, Tan Inside Stuff Sack Included

Fits persons to 6' 2"

Fill: 48 oz

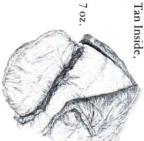
Total Weight: 4 lbs. 8 oz

NEW OVERBAG

your bed or into your camper. warmer; third, take it summer camping or canoeing in mild weather; fourth, open it up and throw it on top in cold weather and the thinner on top when it's zip it together with a SEMI and put the thicker bag on more versatile and protective sleeping system; second. down or Polarguard mummy bag inside to create a around-the-foot. We suggest four uses: first, put a envelope with a full length #5 Vislon zipper extending Our NEW OVERBAG is a specialized, single layer

Avg. Min. Temp. Conservatively Estimated: 50°F

Fits persons to 6' 2" Stuff Sack Included Total Weight: 2 lbs. 7 oz. Royal Blue Outside, Tan Inside



4' 8" often find this bag appealing. nalia. Although designed for climbers, children up to or drying garments or lightweight climbing parapherextend from the head and foot to allow for storing tern with a huge footsection. Loops of nylon webbing cal bivouacs and gives excellent insulation underneath from the rain and snow which constantly plague verticountry. The FOOTSACK provides crucial protection down-filled versions among serious climbers across the The 1978 FOOTSACK now features a contoured pat-Our Polarguard FOOTSACK has virtually replaced

Navy Blue Outside, Tan Inside, Stuff Sack Included Avg. Min. Temp. Conservatively Estimated: 20°F

Total Weight: 2 lbs. 2 oz

GORE-TEX® MILS

such circumstances rarely occur in the field, the Gorewhile Polarguard does not significantly lose loft when our thicker Polarguard bags would maintain adequate skiers may select this special sleeping bag. While any of is a MOUNTAIN LION SUPER with a waterproof MOUNTAIN LION SUPER. Tex laminate virtually eliminates the threat of it ever contact with a high concentration of water. Although wet, it does hold moisture if it comes in prolonged rics could become annoyingly wet and messy. Also insulation under wet, drippy conditions, the outer fabwho must spend days in wet, drippy snow caves or tents bottom. It has been created for the alpine mountaineer but breatheable, Gore-Tex/Nylsilk outer shell, top and taking place. All other features are identical to the To protect against wetness, winter campers and trekking Perhaps the safest sleeping bag in the world: this bag

Avg. Min. Temp. Conservatively Estimated: - 10°F

Royal Blue Outside, Tan Inside Stuff Sack Included

GORE-TEX MLS REGULAR

Fill: 54 oz. Fits persons to 6' 0"

Total Weight: 4 lbs. 15 oz.

GORE-TEX MLS LONG

Fill: 61 oz. Fits persons to 6' 5"

Total Weight: 5 lbs. 7 oz

POLARGUARD EXPEDITION BAG

ated with constant exposure to snow and ice. The EXPEDITION is cut wider than the MOUNTAIN unbelieveable for a Polarguard bag with 8-9" of loft sack is supplied with each EXPEDITION. on this bag. Fabric is 50 denier Nylsilk throughout. ders to trap heat inside and prevent cold draft. All our maximum protection in the cold-wet conditions associand a sewn-in, Polarguard-filled collar. The super thick lowed us to increase the loft slightly and shave 6 oz. off Finally, a specially designed, heavy-duty compressor 1978 technical improvements are standard equipment extra thick collar is permanently sewn above the shoul-LION SUPER and has an extra roomy footsection. The **EXPEDITION** has been built for one purpose: to afford ular size weighs only 6 lbs. 1 oz. This is almost the total weight of the 1978 EXPEDITION. The reg-Our new Variable Layering System has actually al-

Avg. Min. Temp. Conservatively Extimated: - 20°F

Royal Blue Outside, Gold Inside

Fits persons to 6' 0" EXPEDITION REGULAR EXPEDITION LONG tits persons to 6' 5"

Total Weight: 6 lbs. 1 oz. Total Weight:6 lbs.10 oz Fill: 79 oz.

SOLO ELITE

weight plus is a unique Nylsilk wind collar created specially for this bag, which blocks off air flow in or out denier Nysilk is used exclusively. Another warmth-tooversized draft flap are standard. our Variable Layering System, Shoulder Scoop, and loops at head and foot. Finally, innovations such as the SOLO ELITE is equipped with nylon webbing of the bag when drawn snugly. Like the FOOTSACK, weight and interior air space. Ultra lightweight, 50 cut in a form-fitting mummy shape to minimize both relation to total weight that we have ever made. It is ELITE is the most thermally efficient Polarguard bag in The ultimate, lightweight climbing sack, the SOLO

Avg. Min. Temp. Conservatively Estimated: 20°F

Gold throughout Stuff Sack Included

SOLO ELITE REGULAR

Fits persons to 6' 0"

Total Weight: 3 lbs. 2 oz.

SOLO ELITE LONG

Total Weight: 3 lbs. 7 oz Fits persons to 6' 5"

SLEEPING BAG COMPARISON CHART

		TUBI			**	Olhor	ه برد کم برد	. ×	Street	Judy.		· Q(
	独方	NA PAC	Edwis Strade	rippet.	Shient Tropical	STOO SHIP SHEAT.	SILL SALLINGS	STA STATE	, apress	of aprediction	30	is the
FOOTSACK NEW OVERBAG	20P 16P	lbs.	2 oz. Mummy 7 oz. Semi Rect.	slon		54" 42" 63" 70"	3/2		ffeta	taffeta taffeta		20°F 50°F
SNOW FOX SMALL SNOW FOX REGULAR SNOW FOX LONG	30P 34P 38P	3 lbs. 3 oz. 3 lbs. 8 oz. 3 lbs. 13 oz.	3 lbs. 3 oz. Mod. Mum 3 lbs. 8 oz. Mod. Mum. 3 lbs. 13 oz. Mod. Mum.	65" Ziplon 5'7" 70" Ziplon 6'0" 70" Ziplon 6'5"	5' 7'' 6' 0'' 6' 5''	60" 58" 62" 60" 62" 60"	3/2 3/2 3/2	\$ \$ \$ \$ \$	taffeta taffeta taffeta	taffeta taffeta taffeta	4 ½ " 4 ½ " 4 ½ "	30°F 30°F 30°F
SOLO ELITE REGULAR SOLO ELITE LONG	28P 32P	3 lbs. 2 oz. 3 lbs. 7 oz.	2 oz. Nar. Mum. 7 oz. Nar. Mum.	70" Ziplon 6' 0" 70" Ziplon 6' 5"	6, 0,,	52" 50" 52" 50"	3/2	8	nylsilk nylsilk	nylsilk nylsilk	5	20°F 20°F
SEMI	48P	4 lbs. 8 oz.	8 oz. Semi Rect.	95" Vislon 6' 2"		63" 70"	3/2	.,8	taffeta	trinyl	51/2"	25°F
MOUNTAIN LIGHT SMALL MOUNTAIN LIGHT REGULAR MOUNTAIN LIGHT LONG	42P 48P 54P	3 lbs. 15 oz. Mummy 4 lbs. 6 oz. Mummy 4 lbs. 13 oz. Mummy	15 oz. Mummy 6 oz. Mummy 13 oz. Mummy	65" Ziplon 5' 7" 70" Ziplon 6' 9" 70" Ziplon 6' 5"	7". 0". 5".	58" 54" 60" 56" 60" 56"	3/3 3/3 3/3	\$ \$ \$ \$	taffeta taffeta taffeta	nylsilk nylsilk nylsilk	6.6	10°F 10°F 10°F
SNOW LION SUPER	62P	5 lbs. 4 oz.	5 lbs. 4 oz. Mod. Mum.	70" Ziplon 6' 3"		9959	4/3	.,8	taffeta	trinyl	7,,	J ₀0
MOUNTAIN LION SUPER SMALL MOUNTAIN LION SUPER REGULAR MOUNTAIN LION SUPER LONG	47P 54P 61P	4 lbs. 4 oz. 4 lbs. 12 oz. 5 lbs. 4 oz.	4 oz. Mummy 12 oz. Mummy 4 oz. Mummy	65" Ziplon 5' 7 70" Ziplon 6'0" 70" Ziplon 6' 5"		58" 54" 60" 56" 60" 56"	4/3 4/3 4/3	∞ ∞ ∞ ∞ ∞ ∞	nyls/taff nyls/taff nyls/taff	urinyl urinyl urinyl	7%" 7%" 7%"	-10°F -10°F -10°F
GORE-TEX® MLS REGULAR GORE-TEX® MLS LONG	54P 61P	4 lbs. 15 oz. Mummy 5 lbs. 7 oz. Mummy	5 oz. Mummy 7 oz. Mummy	70" Ziplon 6' 0" 70" Ziplon 6' 5"		9509	4/3	, , ,	nyls/gortx nyls/gortx	trinyl trinyl	742	-10ºF -10ºF
POLARGUARD EXPEDITION REGULAR POLARGUARD EXPEDITION LONG	72P 79P	6 lbs. 1 oz. 6 lbs. 10 oz.	6 lbs. 1 oz. Mod Mum. 6 lbs. 10 oz. Mod. Mum.	70" Ziplon 6' 0" 70" Ziplon 6' 5"		64" 60"	4/3	,	nylsilk nylsilk	nylsilk nylsilk	4.8	-20ºF
SOUTHERN COMFORT REGULAR SOUTHERN COMFORT LONG	24D 26D	3 lbs. 3 lbs. 4 oz.	Semi Rect. 4 oz. Semi Rect.	95" Vislon 5'10" 100" Vislon 6'3"		63" 64" 63" 64"	Slant	5".	ripstop ripstop	ripstop ripstop	41/2"	25°F 25°F
LIMITED EDITION LIGHT SMALL LIMITED EDITION LIGHT REGULAR LIMITED EDITION LIGHT LONG	18D 20D 22D	2 lbs. 5 oz. Mummy 2 lbs. 9 oz. Mummy 2 lbs. 13 oz. Mummy	5 oz. Mummy 9 oz. Mummy 3 oz. Mummy	65" Vislon 5' 7" 70" Vislon 6' 0" 70" Vislon 6' 5"		57" 52" 58" 53" 58" 53"	Slant Slant Slant		ripstop ripstop ripstop	ripstop ripstop ripstop		59F 59F 59F
ULTRALIGHT SMALL ULTRALIGHT REGULAR ULTRALIGHT LONG	28D 32D 35D	3 lbs. Mummy 3 lbs. 5 oz. Mummy 3 lbs. 10 oz. Mummy	Mummy 5 oz. Mummy 0 oz. Mummy	2x65" Vislon 2x70" Vislon 2x70" Vislon	5' 7'' 6' 0'' 6' 5''	59" 54" 60" 56" 60" 56"	Slant Slant Slant		ripstop ripstop ripstop	ripstop ripstop ripstop	77	-5ºF -5ºF -5ºF
NORTHSTAR REGULAR NORTHSTAR LONG	40D 44D	4 lbs. 2 oz. 4 lbs. 8 oz.	2 oz. Mod. Mum. 8 oz. Mod. Mum.	2x70" Vislon 2x70" Vislon	6.2"	64" 60" 64" 60"	Slant	5	ripstop ripstop	ripstop ripstop	7, 8	-15ºF -15ºF
LIMITED EDITION STANDARD REGULAR LIMITED EDITION STANDARD LONG	32D 34D	3 lbs. 12 oz. 4 lbs.	3 lbs. 12 oz. Mod. Mum. 4 lbs. Mod. Mum.	2x70" Vislon 2x70" Vislon	6' 2"	64" 60" 64" 60"	Slant	5	ripstop ripstop	ripstop ripstop	9	-20°F -20°F
LIMITED EDITION EXPEDITION REGULAR LIMITED EDITION EXPEDITION LONG	44D 47D	10000	4 lbs. 12 oz. Mod. Mum. 5 lbs. 2 oz. Mod. Mum.	2x70" Vislon 2x70" Vislon	6' 2"	64" 60"	Slant	5	ripstop ripstop	ripstop ripstop	10''	-40°F

 $^{1}P = PolarGuard$, D = Down.

²Due to minor variations in the resin content, and the thickness and density of PolarGuard, the total

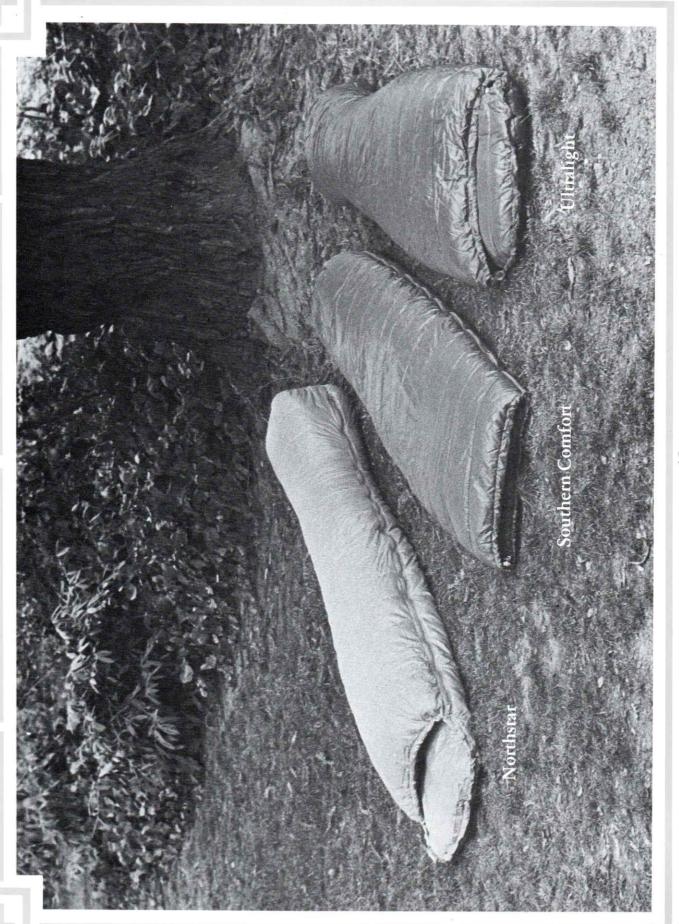
weights indicated may vary by plus or minus 5%.

*Semi Rect. = Semi-rectangular; Mod. Mum. = Modified Mummy; Nar. Mum. = Narrow Mummy.

*PolarGuard construction: 1/1 = single layer top and bottom; 3/2 = three layer top, double bottom; 3/3 = three layer top and bottom; 4/3 = four layer top, three layer bottom. Note: variable thickness of PolarGuard layers account for loft differences. Down construction: "slant wall"

It must be stressed that the temperatures quoted are conservative estimates and are subject to the following comfort variables: body metabolism and physical condition, the degree of convection effected by wind, the use of ground pads for added insulation, the effect of heat radiation, and the amount of clothing in use while sleeping.

DOWN SLEEPING BAGS





WHAT IS DOWN?

Down is the most effective insulator applied to the construction of sleeping bags and garments in which weight, compressibility, and resiliency are the major considerations. Its virtues are universally known and accepted by mountaineers and wilderness travelers everywhere. However, confounding this general agreement is a bewildering and senseless controversy regarding the standards of quality. Each manufacturer claims that its specially selected superdown exceeds all others. Not surprisingly, the result has been such a preponderance of confusing and contradictory statements attesting to the alleged advantages of certain downs over others, that the general public is befuddled and uncertain as to the real properties of down and the extent to which they vary.

It is our intention to acquaint you with the realities of down as it is used in the mountaineering industry in the United States by clarifying the most misunderstood facts. Why believe us? As a relatively young company, we aren't faced with the problem of defending long-standing industry-wide myths and outdated beliefs about down. We are able to take an objective approach to the selection of down, with quality, not previous sales propaganda, as the primary consideration. It is our freedom to do this that underscores the credibility of the following statements.

PLUMAGE DEFINED—California has the most stringent bedding requirements in the country. Under the article outlining Plumage Regulations, the types and kinds of plumage are defined. The following are the most pertinent definitions.

"Down shall mean the undercoating of waterfowl, consisting of the light fluffy filaments barbs growing from one quill point but without any quill shaft.

Down Fiber shall mean the detached barbs from down and plumules and detached barbs from the basal end of waterfowl quill shaft which are indistinguishable from the barbs of down.

Feathers shall mean the plumage or outgrowth forming the contour and external covering of fowl which are whole in structure and which have not been processed in any manner other than dusting and

Feather Fiber shall mean the detached barbs of feathers which are not joined or attached to each other.

Landfowl shall mean plumage derived from chickens

and turkeys

Plumage shall mean the outer covering of fowl.

Plumules shall mean water fowl plumage with underdeveloped soft and flaccid quill with barbs indistinguishable from those of down.

Residue shall mean quill pith, quill fragments, trash or foreign matter.

Waterfowl shall mean plumage derived from ducks nd geese."

. 2% maximum 2% maximum'

Residue

EQUALITY OF DUCK AND GOOSE DOWN—It is not the type of waterfowl, be it duck or goose, that determines the quality of the down; it is the maturity and filling powers of the stock. Although widely known among down processors, regulatory agents and manufacturers, this has only recently become widespread public knowledge. For example, eiderdown has long been considered the world's finest down. Its origin is the eider duck.

PLACE OF ORIGIN—The vast majority of raw feathers and down used in sleeping bags and garments originates in Asia and Europe. However, attempts by manufacturers to pinpoint the true origin of processed down beyond the U.S. processor from whom the finished product was purchased is as difficult to prove as it is meaningless. For example, a large percentage of down brokered through West Germany is of Asian origin. Is this down European?

CLASSIFICATION—Down categories such as AA, AAA, Prime, Northern, European, and Garment Grade are promotional trade names and are not recognized by state and federal agencies governing the legal classification, registration and certification of down in sleeping

including the raw feathers and down, is then sold to COLLECTION AND PROCESSING—Down used in for meat. Feathers and down are removed after the down content may vary from 10% to 25%. Highly specialized equipment is used to separate the down ly impractical to isolate 100% pure down, the result is a mixture of feathers, down, fiber, etc., which must sleeping bags and parkas is the incidental by-product of ducks and geese raised commercially and harvested bird has been slaughtered and, together with dirt, scrappings, epidermal residue and other trash, are collected and baled by brokerage merchants. This mixture, processors who pay by percentage of down per bale; from the extraneous material. Because it is economicalconform to the minimum legal Composition Requirements outlined above. From there, the stock is washed and sterilized (some processors wash and sterilize before separation). The finished product is ready for sale to manufacturers. SNOW LION DOWN STANDARDS—For use in the ULTRALIGHT, SOUTHERN COMFORT, NORTH-STAR and all down garments, our quality standard is 550 cu. in. per ounce, based on the U.S. Bureau of Standards Filling Power Device. For use in the LIMITED EDITION series, the quality standard is 650 cu. in. per ounce. Our products are filled with goose down, duck down, and, occasionally a blend of the two. We invite comparison.

LIMITED EDITION SERIES

bag" was heralded by perfectionist climbers and discombining the supreme shell with the supreme down, we had redefined the so-called state of the art in When we introduced the LIMITED EDITION STANDARD in 1975, the concept of the "supreme criminating equipment fanatics around the world. By pensive stock of high quality down available in limited quantities with a filling capacity of approximately 650 cubic inches per ounce. Inspired by the LIMITED STANDARD's resounding success, we designed and introduced the LIMITED EDITION LIGHT and the LIMITED EDITION EXPEDITION. Add the incomparable quality of design and construction to the sleeping bag design. This achievement was made possible by our acquisition of an extremely select and ex-LIMITED down, and feature for feature, stitch for stitch, Snow Lion LIMITED EDITIONS are the most outstanding down-filled sleeping bags in the world.



THE TWO ZIPPER SYSTEM

fitting, thermally efficient product with insulation zippers. The hardy mountaineer simply slithered into mummies were not encumbered by such frivolities as through possible failure to operate. Therefore, the first of the question. Not only would a zipper weaken the conditions. The thought of sewing in a zipper was out evenly distributed around the body for use in very cold European mountaineers, the idea was to build a formentry through the zipper. zippers as standard features, the great problem then bags together made the zipperless bag obsolete. With ventilation, for easier access, and for joining single mountaineering scene, the versatility of zippers for range of uses for sleeping bags entered the backpacking/ tion. However, as more and more people with a wider the bag and was assured of reasonably uniform insulaalso complicate the bag and endanger performance insulation barrier by creating a cold spot, but it would bags simply do not prevent heat loss or cold air tensions currently used by all manufacturers of down The various downfilled draft flaps, tubes, and bag exthe zipper from the ever-present discomfort of draft. became the design of an effective method of protecting When mummy bags were first made and used by

DRAFT PROTECTION —

The only method in existence that solves this problem and completely eliminates draft is the Snow Lion patented Two Zipper System—an inner zipper located behind the outer zipper which locks a down-filled section between the outer zipper and the person inside. Developed in 1972 for use on our **EXPEDITION** bag, the performance data was so dramatic and the response was so overwhelming that we began offering it on the ULTRALIGHT and NORTHSTAR in late 1973, and the LIMITED STANDARD in 1975.

ZIP TOGETHER PROTECTION—Under the older, conventional draft flap arrangement, a direct cold spot occurs from above and between the bags when two bags are paired side by side. The Snow Lion Two Zipper System eliminates this problem for the first time ever by the pairing of the inner zippers of both bags, in which the down-filled section is sealed over the outer zipper.

INCREASED THERMAL EFFICIENCY—The inner zipper is usually left open under moderate conditions. However, when the inner zipper is used, it increases the differential cut by 5" and substantially decreases the amount of interior air space to be heated. Obviously this makes the bag considerably warmer.

BACK UP FOR EMERGENCIES—Although our

BACK OF FOR EMERGEINCIES—Attnough out durable #5 Vislon® zippers rarely fail, statistics and lifetime guarantees don't mean much when breakage occurs in a survival situation. Our inner zipper may serve as a back up when your life depends on it.

BAFFLE AND CONSTRUCTION SYSTEMS

The intricate, unseen network of interior walls, cut in precise patterns, angling off in specific directions to join other walls at pre-defined points, comprises the most vital component of a quality down sleeping bag. The combination of our innovative design process and our advanced manufacturing techniques, which allows us to spend nearly twice as much time in bag construction as other manufacturers, has made the *Snow Lion Baffling System* the most complex and effective ever designed and put into regular production.

MULTI-DIRECTIONAL FABRIC

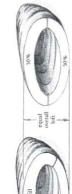
Our specially selected baffling is a multi-directional, high strength, polyester knit with multi-stretch properties which accept and release stress and return to the original dimensions without distortion over time. This resilience makes it ideal for use in sleeping bags subject to long, hard use and repeated washings.

DIFFERENTIAL BAFFLE DEPTH (DBD)

and far more effective system-Differential Baffle down fill in the top baffles and 50% in the bottom the finished product well worth the effort. struction, the added loft and warmth it creates make quires considerably more labor than conventional conconstruction of "deeper" top baffles and precise "difafter the down underneath has compressed. Although indicate, the Snow Lion Bag has more insulation left overall loft. As the "before and after" figures clearly the conventional 50/50 distribution, zip yourself into a To demonstrate the obvious advantage of DBD over NORTHSTARS, and LIMITED EDITIONS is on top. 60% of the loft and insulation in ULTRALIGHTS, tional in the bottom compartments. Approximately ses under body weight, it becomes almost non-funcbody where it is needed most. Because down comprestion of down insulation and baffle volume over the baffles, Snow Lion has developed a completely unique ferential" filling of top and bottom compartments re-Snow Lion mummy and into another bag with similar Depth. DBD is the logical and deliberate concentra-Unlike most manufacturers who put 50% of the

Conventional

BEFORE

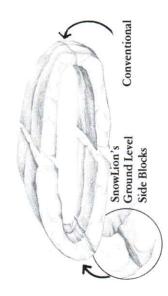


AFTER



GROUND LEVEL SIDE BLOCKS

To increase the total effectiveness of Differential Baffle Depth, we have extended the upper portion of the bag so that the zipper and side block baffle are almost at ground level. While other manufacturers locate the side block half-way between top and bottom for reasons of construction and filling expediency, Ground Level Side Block cannot form the cold spots caused when the down underneath the side block shifts away from the baffle wall as it does in conventional construction.



BODY CONTOUR BAFFLING

Gravity forces the top of the bag to press lightly against the chest and along the length of the person inside. Normally the result is slightly less insulation along the pressure points over the body. However, we have designed specially contoured baffles in which the deepest and loftiest point is over the body at the pressure points. To achieve this "contout," each horizontal baffle along the length of the bag must be individually shaped, cut, and sewn. Because the girth varies on every bag, a separate set of baffle patterns must be made for each. The greater insulation and warmth provided by our Body Contour Baffling are obvious to anyone who has thought of building a down bag. Its production represents the first major breakthrough in the area of baffle design in years.

FOUR SHELL PATTERNS

Due to the Differential Cut, quality bags require two shell patterns, one for the inner circumference and one for the outer. Snow Lion bags, however, require four separate patterns for each bag; Differential Baffle Depth and Ground Level Side Block features, the top and bottom as well as the inner and outer shells are from different patterns. In addition to twice as many patterns, each Snow Lion shell pattern is cut from one linear piece of material. This is considerably stronger than the "pieced" or "joined" patterns used by many manufacturers who cut against the linear grain to save material.

DIFFERENTIAL CUT

The Differential Cut is a construction method in which the inner shell of the sleeping bag is shorter in circumference than the outer shell, thereby preventing the baffled insulation barrier from easily collapsing when pressure is applied from the inside by elbows, knees, etc. The less expensive alternative is "shell parity" construction in which the inner shell is cut

from the same pattern as, and is equal in circumference to, the other shell. All Snow Lion down bags are



TULIP BULB FOOTSECTIONS

All Snow Lion down mummy bags feature enlarged foot sections to provide more room for wandering feet as well as warm storage compartments for clothing and/ or boots in sub-zero temperatures. The inner and outer foot shells are *Differentially Cut*, making it difficult to force the inner shell against the outer. To insure uniform insulation in such a "bulbous" area, a horizontal baffle separates the down-filled top and bottom of the foot section. Though the *Tulip Bulb* creates an unusual appearance, it adds an extra dimension of safety and comfort to cold weather sleeping bags.



SLANT WALL CONSTRUCTION

In *Slant Wall Construction*, used in all Snow Lion down bags, the contoured baffle is slanted exactly one half width of the baffle compartment, resulting in seams offset 2½ inches. This technique allows maximum "free loft" and is particularly effective when arranged in our narrow, 5" baffle compartments.

WORKMANSHIP

The sewing craftsmanship of Snow Lion bags has set unmatched quality standards in the sleeping bag industry over the past few years. Baffle seams are always precisely aligned and sewn at Twelve Stitches Per Inch All zippers are neatly double stitched and the polyester fabric stiffener, which reduces zipper snag, is double double stitches, bar tacks, and/or overlock stitches. The stitched bags and thereby increases the longevity of ity of Snow Lion stitching are structural advantages stitched in all cases. Stress points are reinforced with baffle seams are Tuck Stitched, a method in which the thread is tucked, unexposed beneath all surfaces of the bag. This reduces the snagging common to topthe product. Tuck stitching and the overall superiorwith high strength nylon and polyester/cotton threads. resulting from our "more time spent sewing" manufacturing process.

mountaineer who needs an extremely high performance the purist's mummy. It is intended for the backpacker/ it features every major Snow Lion innovation and has popular bag. It is designed to combine maximum production of the ULTRALIGHT: standard construcless than 4 lbs. of sleeping bag. Nothing is spared in the the mountains all year around, but who prefers to carry thermal efficiency with minimal weight. Even though tion includes exclusive Snow Lion features such as the product, with sufficient warmth and comfort to take to Bulb Foot Section, it is still light enough to be called been widened from the chest to the enlarged Tulip The unique bottle shaped ULTRALIGHT is our most



Level Side Block, Four Pattern Shell Body Contour Baffling, Ground Differential Baffle Depth Two Zipper System

one of America's most desired sleeping bags. across the country. Without question, it has become more than proven itself to thousands of backpackers stitches per inch. Over the years, the ULTRALIGHT has Construction, and Tuck Stitching at twelve

5" Slant Wall Construction

Avg. Min. Temp. Conservatively Estimated - 5°F

ULTRALIGHT SMALL Available in Midnight Blue—Stuff Sack Included

Total Weight: 2 lbs. 13 oz 28 oz. Downfill For persons to 5' 7"

ULTRALIGHT REGULAR For Persons to 6' 0"

ULTRALIGHT LONG Total Weight: 3 lbs. 5 oz 32 Ounces Downfill

Total Weight: 3 lbs. 10 oz 35 Ounces Downfill For Persons 6' 5"

> to the wilderness. test sleep a SOUTHERN COMFORT on your next trip mising in your demands for room and comfort, then of materials and workmanship. If you are uncomproof design excellence coupled with unmatched quality of Snow Lion's continued dedication to the principles numerous possibilities for ventilation. The versatility tends all the way around the foot section, affording this lightweight down bag features nearly every Snow the three season backpacking and camping enthusiast are zipped together one on top of another. Intended for of space when it is spread like a comforter, or when two and room to store clothing. It also covers a great deal cious down bag. There is plenty of room to stretch out found in the SOUTHERN COMFORT is a vivid example fort, the SOUTHERN COMFORT is our most spa-Lion innovation. Its two-way, No. 5 Vislon zipper ex-A semi-rectangular bag with the emphasis on com-

5" Slant Wall Construction

Avg. Min. Temp. Conservatively Estimated: 25°F

Available in Rust-Stuff Sack Included

SOUTHERN COMFORT REGULAR

For Persons to 5' 10" Total Weight: 3 lbs 24 Ounces Downfill

SOUTHERN COMFORT LONG

Total Weight: 3 lbs. 4 oz. For Persons to 6' 3" 26 Ounces Downfill

> amine this bag firsthand and we think you will undermore than occasional use have made the NORTHSTAR popularity among those who need a sleeping bag for backpacker. The NORTHSTAR features all the Snow tions at high altitude as well as the avid cold weather down for greater loft. It is intended for the mountaineer stand why. for the NORTHSTAR has dramatically increased. Exsumer has become more discriminating, the demand been especially gratifying that, as the sleeping bag confactured anywhere in the 21/2 lb. fill category. It has one of the most outstanding down sleeping bags manuits durability and dependability, and its tremendous Tuck Stitching. Its advanced and sophisticated design, Four Pattern Shell Construction, Differential Cut, and Ground Level Side Blocks, Tulip Bulb Foot Section Differential Baffle Depth, LIGHT and is constructed with deeper baffles and more NORTHSTAR is wider and longer than the ULTRA-Lion innovations including the Two Zipper System. likely to encounter severe or prolonged weather condi-A generously proportioned mummy, the four season Body Contour Baffling,

5" Slant Wall Construction

Avg. Min. Temp. Conservatively Estimated: - 15°F

Available in Royal Blue—Stuff Sack Included

NORTHSTAR REGULAR

40 Ounces Downfill For Persons to 6' 2"

Total Weight: 4 lbs. 2 oz

NORTHSTAR LONG

44 Ounces Downfill For Persons to 6' 7" Total Weight: 4 lbs. 8 oz

Tulip Bulb Footsection



MITED EDITION LIGHT

warmth-to-weight ratio in existence anywere. Yet, its 20 oz. (22 oz. long) of Limited Edition down produce packer and rucksack traveller who requires a four season weigh as close to nothing as possible. We feel that this bag represents the most advanced expression of the 6" of loft and an average comfort minimum of 5 °F. Although some individuals may find its thermally The slim and incredibly lightweight LIMITED LIGHT has quickly become the most popular of our Limited Edition Series. It has been created for the climber, backbag that will squeeze into the tiniest of places and efficient tapered shape confining, it is reasonably wide at the shoulders and tulip bulbed at the foot. Because the LIMITED LIGHT is designed to be compact and 5 Vislon zipper. It will pair side by side with any Snow Lion two zipper bag of opposite zipper. Special features include our exclusive Differential Baffle Depth, Four Differential Cut, Tulip Bulb Foot Section, and Tuck Stitching. In the maximization of the warmth-to-weight concept, in the level of detailed workmanship, in the quality of materials, and in the filling power of the lightweight, it is equipped with a simple, two-way No. Pattern Shell Construction, Body Contour Baffling, downfill, the LIMITED LIGHT is unmatched among he world's lightweight sleeping bags.

5" Slant Wall Construction

Avg. Min. Temp. Conservatively Estimated: 5°F

Available in Spruce Green-Stuff Sack Included

LIMITED EDITION LIGHT SMALL

For Persons to 5' 7''
18 Ounces Downfill
Total Weight: 2 lbs. 5 oz.

LIMITED EDITION LIGHT REGULAR

For Persons to 6' 0''
20 Ounces Downfill
Total Weight: 2 lbs. 9 oz.

LIMITED EDITION LIGHT LONG

For Persons to 6' 5" 22 Ounces Downfill Total Weight: 2 lbs. 13 oz.

MITED EDITION STANDAR

The LIMITED EDITION STANDARD has been designed for the highest level of excellence in a sleeping bag. The quality of materials, the technology of design, and the detailed workmanship built into this bag is unsurpassed. The first of our highly acclaimed Limited Edition Series, the LIMITED STANDARD has proven itself around the world.

In a 1976 survey by Backpacker Magazine, the LIMTED STANDARD received the highest rating in comparison with other top "2 lbs. fill" down bags in the country. In addition to the super filling power of the downfill, "

the LIMITED STANDARD



incorporates an unparalleled variety of sophisticated features including our revolutionary *Optional Collar System*—softside Velcro® strips and recessed snaps have been carefully and permanently installed at the curve of the neck to accommodate the optional collar—the *Two Zipper System*, *Differential Baffle Depth*, *Body Contour Baffling*, *Ground Level Side Block*, *Tulip Bulb Foot Section*, *Four Pattern Shell Construction*, and *Tuck Stitching* at twelve stitches per inch. It is not a restrictive, tight-fitting bag. Rather, it is cut along the same spacious mummy lines as the NORTHSTAR. Considering all the essential criteria for evaluating four season down bags, the LIMITED STANDARD is the finest in the world.

5" Slant Wall Construction

Avg. Min. Temp. Conservatively Estimated: - 20°F

Available in Rust—Stuff Sack Included

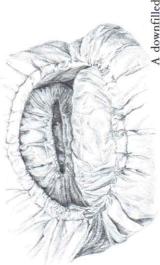
LIMITED EDITION STANDARD REGULAR

For Persons to 6' 2''
32 Ounces Downfill
Total Weight: 3 lbs. 12 oz.

LIMITED EDITION STANDARD LONG
For Persons to 6' 7''
34 Ounces Downfill
Total Weight: 4 lbs.

INTTED EDITION EXPEDITION

The LIMITED EDITION EXPEDITION is unquestionably one of the world's premier downfilled sleeping bags. It is intended for alpine mountaineers who anticipate prolonged use at high altitude and extremely cold conditions. The LIMITED EXPEDITION's reputation is built on its unsurpassed level of technical and designing excellence. Every Snow Lion sleeping bag innovation is featured: the Two Zipper System, Differential Baffle Depth, Body Contour Baffling, Ground Level Side Block, Tulip Bulb Foot Section, Four Pattern Shell Construction, and Tuck Stitching.



collar with Velcro® and drawcord adjustments is permanently sewn-in at the shoulders. So that bulky clothing may be worn if desired, the LIMITED EXPEDITION is cut wider than any of our down bags and is equipped with the largest foot section. To achieve the remarkable 10''-plus loft, extremely select and expensive Limited down is filled in slanted baffle walls which are 10'' wide in the upper portion of the bag and 6'' in the lower portion. Although it is nearly impossible for the average person to ever sleep cold in this bag, the LIMITED EXPEDITION is far too warm for normal backpacking.

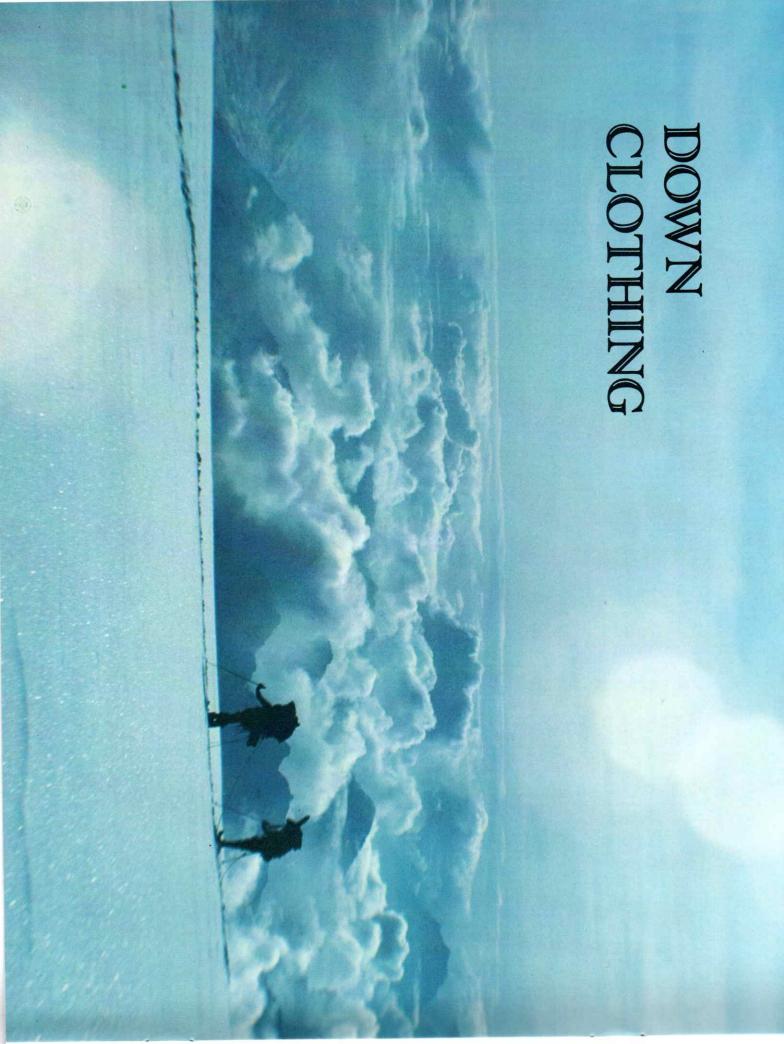
Avg. Min. Temp. Conservatively Estimated: - 40°F

Available in Cherry Red—Stuff Sack Included

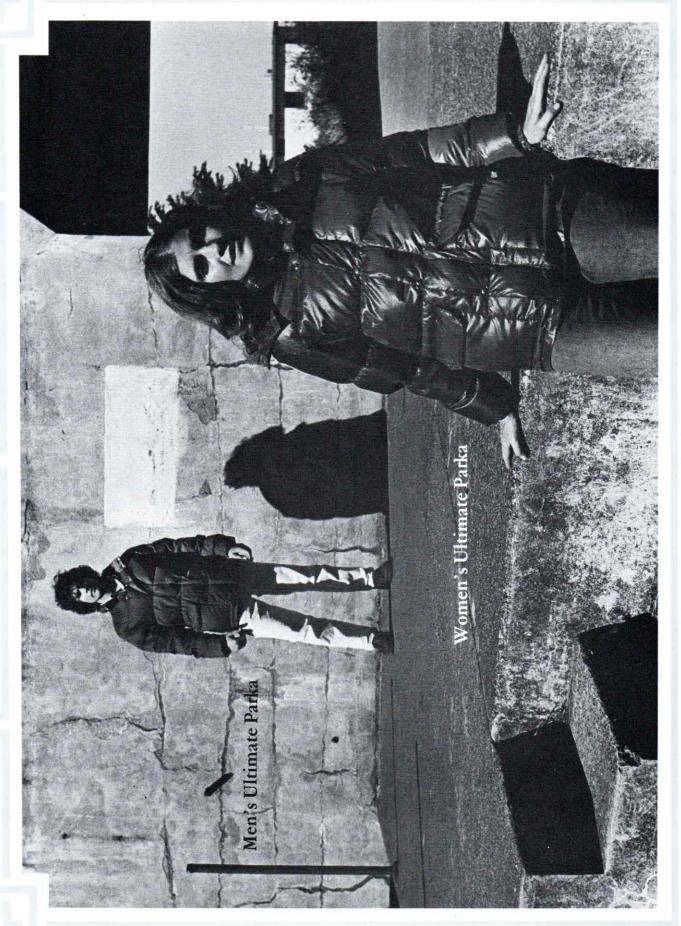
LIMITED EDITION EXPEDITION REGULAR For Persons to 6' 2'' 44 Ounces Downfill Total Weight: 4 lbs. 12 oz.

LIMITED EDITION EXPEDITION LONG For Persons to 6' 7"

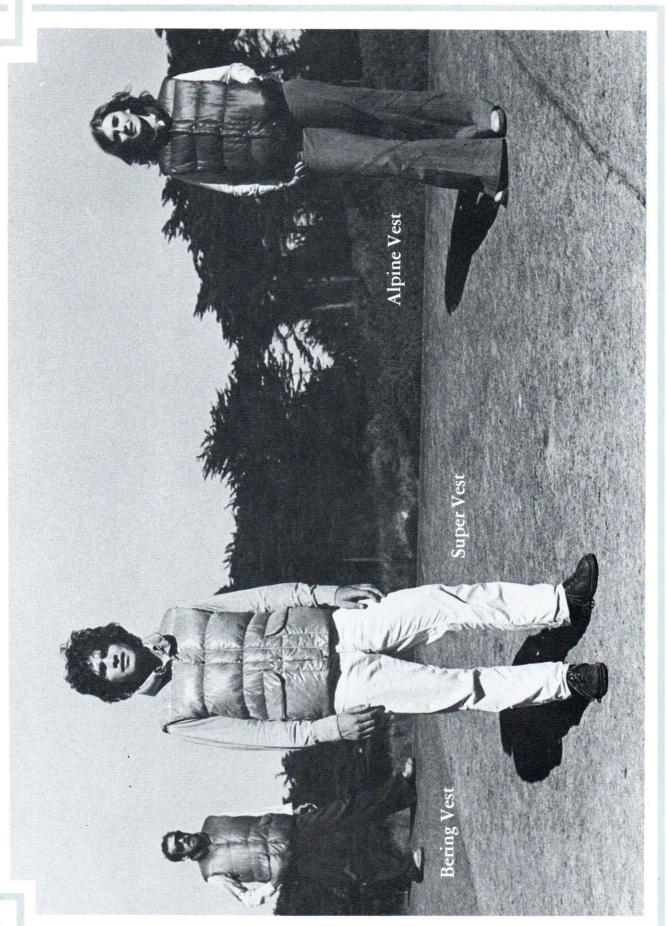
47 Ounces Downfill Total Weight: 5 lbs. 2 oz.



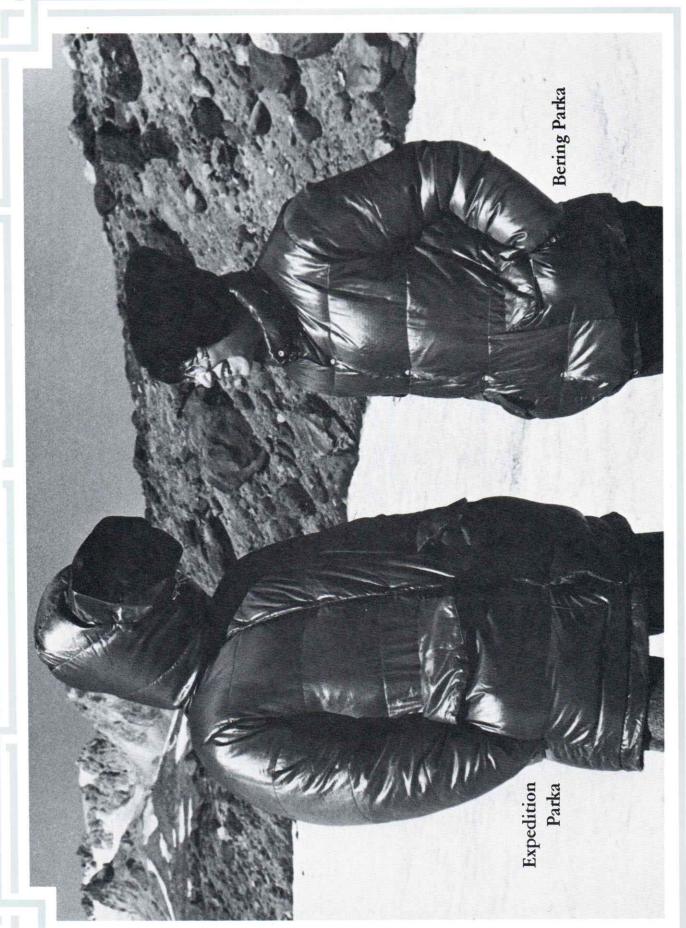












ULTIMATE PARKA

a large segment of the general public as well as the goals were to satisfy the needs of serious mountaineers around town or campus as in the mountains, the ULTImountaineering community. Now as common a sight flexibility and durability, which, surprisingly, attracted vative and functionally efficient parka with great loft ing/backpacking shops across the country. Our original makes the simple cold snap through the collar method ed fabric snap system" for hood attachment, which another advanced design is the ULTIMATE's "extenddoes not penetrate the collar and touch the skin). Still Snow Lion's non-snap-through throat snaps (the metal shifting from front to back. Another innovative touch is stantial shoulder loft while stopping down from wall—a difficult sewing technique which allows sub-MATE features our exclusive knit-baffled shoulder To prevent the usual shoulder cold spot, the ULTIand filling assure even loft and perfect seam alignment stitch last method, the ULTIMATE's precision stitching more time-consuming than the conventional fill first, measured amounts of down. Although considerably stitched first, then filled section by section with predown parkas because the individual compartments are looks. The ULTIMATE is special among sewn-through performance-oriented features and trim-fitting good MATE's appeal is due to its unique combination of for active use in cold weather. The result was an innothe most popular down parka offered in mountaineer-It's ironic that the ULTIMATE PARKA may well be the ULTIMATE also features

two large down- filled cargo pockets with 5" Velcro® closures and our exclusive no-loss flaps, handwarmer pockets, two inner storage pockets, two-way #5 Vislon zipper with snap down draft flap, 1.9 oz. ripstop or taffeta nylon throughout, average downfill of 12 ounces, 4" down-

filled collar, elastic and snap closures at the wrists, nylon drawcord at the waist, and a stuff sack with cordlock. All inner armhole and sleeve joinings are both Overlock Stitched and tape-capped for extra strength.

Finally, in a positive response to the many letters and calls citing our industry's sexist sizing policies, we introduced in 1976 the Women's ULTIMATE. We are happy to report it was a smashing success and we will continue to offer women's sizes in the ULTIMATE and many other Snow Lion parkas.

Average Weight: 29 oz.

Available in Midnight Blue, Royal Blue, Spruce Green or Cherry Red Ripstop and Dark Blue or Rust Taffeta.

Women: S(8-10), M(10-12), L(12-14)

Men: XS, S, M, L, XI

HOOD FOR ULTIMATE

Baffled like a sleeping bag, the ULTIMATE HOOD has no sewn-through spots. It attaches via out extended fabric snap system which eliminates the cold neck snaps of conventional construction. One size fits all.

REEN MOUNTAIN SWEATER

The exceptionally lightweight and compressible GREEN MOUNTAIN SWEATER is hardly noticeable in your pack. But on your back, the attractive, snugfitting sweater is just the opposite. Originally designed for the backpacker or climber who would ordinarily leave his or her heavier down parka at home, this new jacket may capture those hearty and warm blooded individuals who foreswear the bulky and live by the trim and light. The attractive hip length GREEN MOUNTAIN features 1.7 oz. nylon taffeta throughout, snaps only down the front to save weight, oversized handwarmer pockets, 3" down-filled collar, our knit baffled shoulder wall, snap and elastic wrist closures, inner storage pocket and elastic hip panels to insure a proper fit. Average downfill is 8% ounces.

Average Weight: 23 oz.

Available in Dark Blue, Kelly Green, or Rust.

XS, S, M, L, XL.

DOWN SHIRT

acceptance across the country, from San Diego to ago, the down shirt is making a strong bid for public scene. With the advantages of down becoming more and wind, down shirt-jackets are suddenly making the a 70 denier taffeta with a 165 × 95 construction, extra strongest, most tightly woven nylon we have ever used: squeeze into a tiny stuff sack and down right good care of and machine washable, compressable enough to combination with larger parkas or shells, easy to take fight modestly cold weather by itself, agreeable in amazing versatility of the down shirt: warm enough to widely known, sensible people are quick to realize the were once the only way to take the sting out of the cold baseball jackets, windbreakers and pull-over sweaters Atlanta to Philadelphia and places in between. Where high and wide collar, and 51/2 ounces average downfill snaps down the front and at the cuffs, extra long body double stitching along nearly every seam, nickel plated include two pleated breast pockets with snap closures wind-resistant and water-repellent. Other attributes looking! Our DOWN SHIRT features one of the everyday shirts and blouses. Try one on and see if you don't put your old windbreaker into cold storage. Our tailored DOWN SHIRT is normally worn over Although no one would have believed it a few years

Average Weight: 21 oz.

Available in Midnight Blue, Spruce Green, Scarlet, or Rust.

XS, S, M, L, XL.

"Sensible! Very good looking. Perfect fit!" Those are typical of the comments made about our new ALPINE VEST. We've improved the traditional downfilled backpacker's vest by taking a few inches from the girth, elasticizing the hips, and adding unusually large handwarmer pockets. Other attributes include ripstop nylon throughout, front snap closures, 3" down-filled collar and our knit baffled shoulder wall. These assets, combined with the ALPINE's exceptionally light weight, make it ideal for use with shell parkas and anoraks. Average downfill is 5 ounces.

Average Weight: 111/2 oz.

Available in Midnight Blue, Spruce Green, or Rust.

XS, S, M, L, XL.

BERING VEST

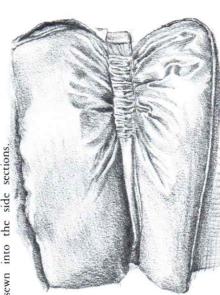
One of the most unique garments in existence, the BERING VEST is a fully baffled, sleeveless parka. It has been created for those "won't settle for less" outdoorspersons who demand maximum body warmth, minimum weight, and arm flexibility. The construction concept is patterned after the BERING PARKA: sleeping bag style slant wall baffling throughout. Even the zipper and snap flaps are baffled. There are absolutely this vest is stitched first, then filled section by section with premeasured amounts of down. We believe that the BERING VEST is the warmest lightweight vest ever Other features include snag-resistant tuck-stitching along all baffle seams, two outer down-filled pockets with our exclusive no-loss flaps and Velcro® closures, ripstop nylon, 81/2 ounces average downfill, 3" rear extension, reinforcements at all stress points, and stuff no sewn-through spots. Like all our down garments, offered to the backpacking/mountaineering public. two hand warmer pockets, two interior storage pockets, elastic expansion panels sewn into each side, 1.9 oz. sack with cordlock.

Average Weight: 19 oz.

Available in Royal Blue or Cherry Red.

XS, S, M, L, XL.

Die-hard vestites have asked for something more than the simple, traditional vest with exposed zippers and flimsy pockets. While most down vests offer either snap or zipper closures, the SUPER VEST provides both: a down-filled draft-flap snap-closed over a two-way #5 Vislon zipper. Thus, the option is open to use the zipper, the snaps or both. Another SUPER VEST advantage is its six pockets: two outer down-filled pockets with our exclusive #0 loss flaps and Velcto® closures, two handwarmer pockets and two interior storage pockets. In addition, to insure a good fit, each SUPER VEST is equipped with elastic expansion panels sewn, into the side sections.



breast pocket with a covered

Like the ULTIMATE PARKA, the SUPER VEST is stitched first and filled section by section. It even has our exclusive knit baffled shoulder wall. Other features include 3" high downfilled collar with non-snap-through throat snaps, 1.9 oz. ripstop nylon, 6½ ounces average downfill, 3" rear extension, reinforcements at all stress points, and stuff sack with cordlock. Now available in six sizes.

Average Weight: 15 oz.

Available in Midnight Blue, Royal Blue, Spruce Green, Cherry Red, or Brown.

XXS, XS, S, M, L, XL.

GREATCOAT AND GREATCOAT II

tailored to afford warmth and comfort in high winds at sub-zero temperatures. As the name implies, this parka/coat is cut large enough to easily accommodate larily good looking. Attractive color schemes have been GREATCOAT and cannot be found on any other down the shoulders have been cut in a wide angle raglan and design. It is a beautiful three-layer garment bulky shirts or sweaters when desired. It is the ideal coat COATS are among the most rugged downfilled articles selected to take some of the meanness out of these cold fighters. The outer shell is a wind-tight, water-repellent blend of medium firm 65%/35% polyester/cotton. This beautiful two-ply fabric is made especially for the garments in existence. It is sewn at the outer seams to a substantial down-filled quilt lined with stylishly contrasting 1.9 oz. ripstop nylon. For maximum mobility, In the down clothing world, the GREATCOAT has achieved an enviable reputation for ruggedness, luxury for all-around winter use. Although our GREATproduced anywhere, the 1977 versions are also particuclosures, two downfilled handwarmer pockets, a vertical 11" cargo pockets with no loss flaps and 5" Velcro® pattern. Seven pockets are standard: two large 9"

Vislon zipper with snap-down Like other Snow Lion down a nylon drawcord at the waist, two interior storage pockets. compartments are stitched first, then filled section by section with pre-measured garments, the individual downfilled collar with non-In addition, a two way, #5 snap-through throat snap, and our unique extended fabric snap system for Ziplon coil zipper, and weather flap, a 41/2" amounts of down.

hood attachment are also standard features. We offer two variations of this extremely popular coat. The thigh length GREATCOAT features adjustable Velcro closures at the cuff, gusseted cargo pockets and 14 ounces average downfill. The new GREATCOAT II is 4" shorter, has wool wristlets sewn inside the cuffs, pleated cargo pockets and 11½ ounces average downfill.

GREAT COAT, cont.

Optional down-filled hoods are available.



GREATCOAT

Average Weight: 42 oz.
Available in Navy, British Tan, or Mahogany.
XS, S, M, L, XL.

GREATCOAT II

Average Weight: 36 oz.

Available in Navy, British Tan or Spruce Green.

XS, S, M, L, XL.

BERING PARKA

style slant wall construction. This considerably lighter cumbersome, loft restrictive double quilted parkas, the weight construction is more difficult and time consum-BERING is a free lofting parka, baffled in sleeping bag usual step up from sewn through garments, the and expedition garments. The BERING is a completely the tremendous void between existing sewn-through in the mountaineering industry in a decade. During the ing to sew than double quilting, but its much greater not as limited in use as expedition parkas. Unlike baffled parka, much warmer than sewn-through, yet anywhere in the world. We created the BERING to fill lightest, bonafide subzero parka manufactured 1974/75, the BERING PARKA proved itself to be the final testing on the Bering Glacier in the winter of PARKA represents one of the few major breakthroughs The development and production of the BERING

> system for attachment of the optional hood snap closures, two down-filled pockets with our sewn or snapped through the down insulation. Further, tension are attached to the nylon shell; they are not neck, and sleeves as well as the body are fully baffled of total loft is produced with an average of 141/2 oz. of drawcord at waist, and our special extended fabric snap touch the neck, elastic and snap wrist adjustment, large downfilled collar with snap fasteners which do not exclusive no loss flap and Velcro® closures, two down-2-way Vislon zipper with down-filled draft flap and ripstop nylon throughout, snag resistant tuck stitching, the crucial shoulder-neck area. Features include 1.9 oz. an extra measure of down and loft has been added to The zipper and snaps for the down-filled weather exthe loft and insulation are uniform. The shoulders, BERING is filled section by section like a sleeping bag, down fill and total weight of 33 oz. Because the loft-to-weight ratio makes it well worth the effort: 5" filled hand warmer pockets, two interior cargo pockets

Average Weight: 33 oz

Available in Royal Blue, Rust or Spruce Green.

XS, S, M, L, XL.

HOOD FOR BERING

Baffled like a sleeping bag, the BERING HOOD has no sewn-through spots. It attaches via our extended fabric snap system which eliminates the cold neck snaps of conventional construction. Top seams feature snag resistant tuck stitching. One size fits all.



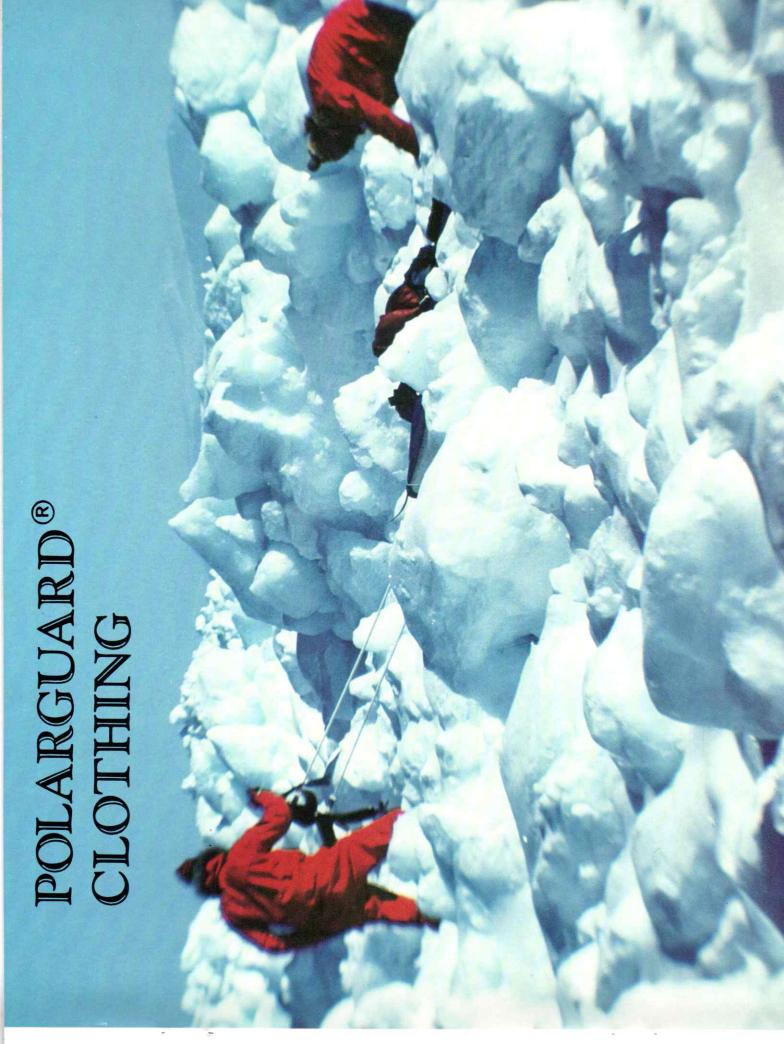
EXPEDITION PARKA

insulated with an average down-fill of 25 ounces producing an awesome 7"-8" of total loft; the efforts is a veritable walking sleeping bag, a very of our decision to revolutionize the design of our old at the waist and bottom hem, an elastic crotch strap #10 Vislon zipper with a 4", non-sewn-through downcut long and full with plenty of room for multiple layers sewn inside the cuffs. Because the EXPEDITION is adjusted by three snaps and a nylon drawcord. To visor. The down-filled face protector is 8" high and is oversized integral hood with a pellon-stiffened tunnel sewn through seams or cold spots. The 1977 model is closed separately. The EXPEDITION has absolutely no wall angles off at 60° every 3" on the vertical plane. An sleeping bag construction throughout. A new baffle of the few garments ever made to offer "V" tube specialized parka intended for prolonged use at high zero parka in the world. The fruit of our rebuilding EXPEDITION PARKA, thereby creating the best subtween. The baffled BERING PARKA is an outgrowth parka described below, but they are few and far be-Velcro® closures, no-loss flaps, down-filled handsnaps, two giant outer pockets with cargo holds filled overflap which attaches to non-snap-through of inner garments. Other features include a two-way designed to provide mobility at low temperatures, it is prevent heat loss at the wrists, wool wristlets have been Enhancing this insulation system is a fully baffled and formed-sixty-six compartments must be filled and incredible network of triangular chambers is altitudes and under extreme cold conditions. It is one and a stuff sack with cordlock. warmer pockets, two inner storage pockets, drawcords resulting heat retention index is phenomenal There are times and places to wear the monstrous

Average Weight: 3 lbs. 3 oz.

Available in Midnight Blue or Cherry Red

XS, S, M, L, XL.



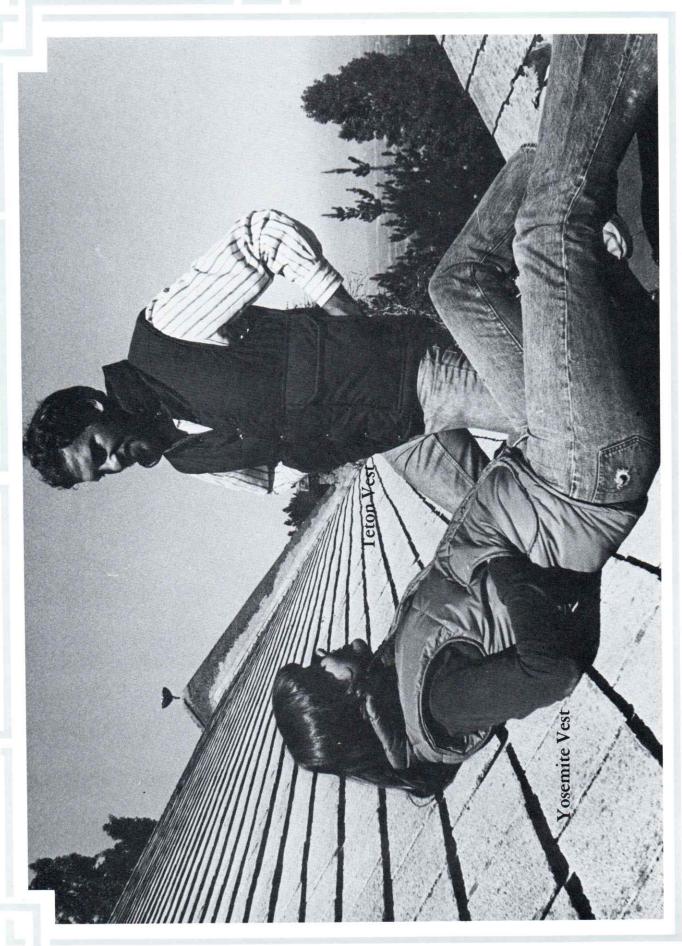


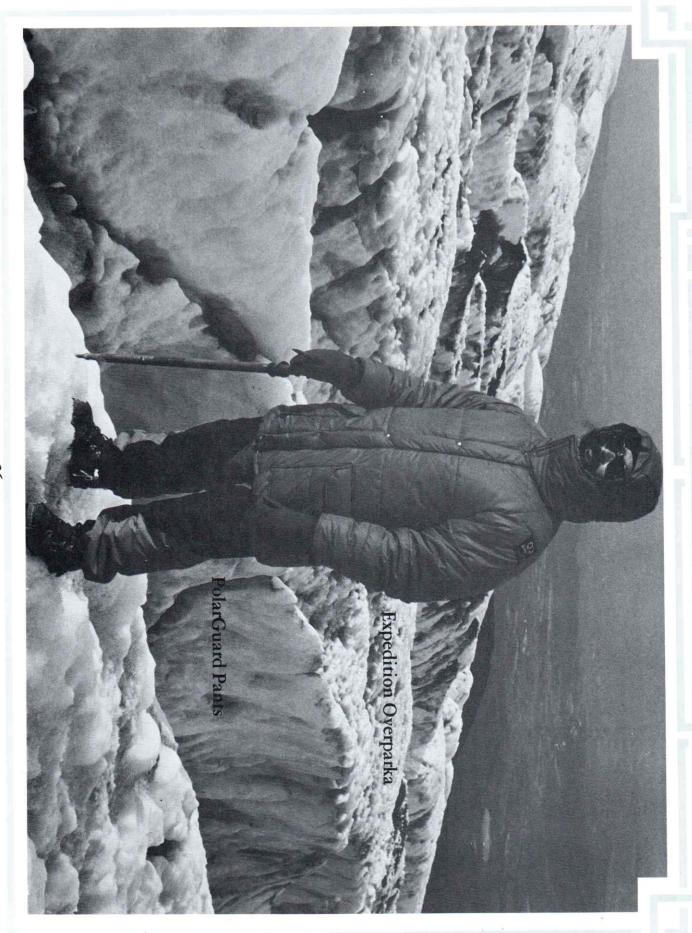












PALISADE PARKA

Holding all this together is a reinforcement technique The PALISADE is the definitive Polarguard parka, a design and quality standard for other polyester gar-For the first time, it is available in Women's sizes. The PALISADE is a trim, double quilted Polarguard parka intended to be attractive around town as well as warm and functional in the mountains. The continuous filathan down or other fiberfill garments. If the outer fabric tears or punctures, the Polarguard will stay in place and continue to provide effective insulation. And, like all our Polarguard products, the PALISADE will maintain its protection when damp, wet or icy. The PALISADE's Offset Double Quilt construction makes it warmer than traditional sewn-through parkas, and its tailored cut gives it a better fit and makes it far less bulky than standard synthetic garments. So that you won't forget a PALISADE when you see one, the inner linings are made of colorfully contrasting ripstop nylon. Other features include a two-way, #5 Vislon zipper with a snap down Polarguard-filled weather flap, two outside Polarguard-filled cargo/hand warmer pockets with Velcro® closures, snap and elastic wrist adjusta drawcord at the waist, and our extended fabric snap system for attachment of the optional hood. in which every quilted PALISADE part (sleeve, pocket, body, etc.) is individually cut and Overlock Stitched before being sewn together. The result is a comfortable machine washable, and much easier to take care of ments, a 4" Polarguard-filled collar with snap closure, ment Polarguard makes it resilient, long-lasting, ments. Each year it is further refined and improved. parka which is as tough as it is good looking.

Average Weight: 30 oz.

Available in Midnight Blue, Rust or Spruce Green

Women: S(8-10), M(10-12), L(12-14)

Men: XS, S, M, L, XI

BIVOUAC SWEATER

snaps at the wrists, a 3" Polarguard-filled collar, and a gear on a climb. Even the skimpiest rucksacks have length and double quilting are ideal for the chilly, wet tricted to climbers. As a knocking around town jacket for those who desire the advantage of Polarguard withis the perfect garment. Take a closer look and you'll find that it has large, Polarguard-filled handwarmer pockets, overlapping snap front closures, elastic and We have designed our new BIVOUAC SWEATER to be a tough, warm, and lightweight companion for the serious rock climber who detests hauling needless room for this compact Polarguard sweater. Its hip or windy periods one is apt to encounter half way up some lonely wall. Naturally, the BIVOUAC isn't resout the bulk and weight of larger parkas, the BIVOUAC beautiful outer shell of durable nylon taffeta.

Average Weight: 23 oz.

Available in Royal Blue or Spruce Green

XS, S, M, L, XI

THUNDER BAY PARKA

scene. Although it is cut along the same trim lines as the PALISADE, the THUNDER BAY's rugged, 65%/ ability; it is more resilient, long-lasting, machine washable, and much easier to take care of than down or other fiberfill garments. And, like all our PolarGuard tective insulation when damp, wet or icy. Other features closures, snap and elastic wrist adjustments, a 4" Polarguard-filled collar with snap closure, a drawcord at the The double-quilted THUNDER BAY PARKA offers 35% polyester/cotton outer shell makes it a much more abrasion-resistant qualities. It is attached to an inner tinuous filament Polarguard enhances its overall durproducts, the THUNDER BAY will maintain its proinclude a two-way, #5 Vislon zipper with a snapdown Polarguard filled weather flap, two outside Polarabuseable garment. The quilted 65/35 is a specially blended fabric with superior water-repellent and quilt lined with medium-hand ripstop nylon. The cona tough new dimension to the Polarguard garment guard filled cargo/handwarmer pockets with Velcro®



cause it is intended for the avid outdoorsperson who will give it maximum use and minimal care, we feel the ment of the optional hood. Every quilted section (sleeve, pocket, body, etc.) of the hardy THUNDER forced before being joined to an adjacent section. Bewaist, and our extended fabric snap system for attach-BAY is individually cut, Overlock Stitched, and rein-THUNDER BAY is one of the toughest parkas available anywhere. Now offered in Women's sizes.

Average Weight: 36 oz.

Available in Navy, Forest Green or Mahogany

Women: S(8-10), M(10-12), L(12-14)

Men: XS, S, M, L, XL

CHILD'S THUNDER BAY

washability of Polarguard. Made for the kid who needs a warm garment to do justice through two hell-raising This new garment is a junior version of the popular Rather than slapping together a low-budget Child's jacket, we have designed a super tough, high quality set double-quilting and the proven durability and winters and hang together long enough to do the same cold weather parka: abuseable 65/35 outer shell, off-THUNDER BAY with a built-in, non-insulated hood. for the brother or sister next in line.

Average Weight: 22 oz.

Available in Navy or Forest Green

S(8-10), M(10-12)L(14-16)

STORMCOAT

weather coat is both durable and comfortable. Keeping combination of characteristics, this impressive, alleering shops by December 1, 1977. Possessing a rare new STORMCOAT. It will be available in mountain-Stormfibre, has come the inspiration for our exciting of the finest water-repellent, windproof fabrics in the the elements at bay is our exclusive 100% cotton STORMCOAT features double stitched raglan sleeves soft, 3.8 oz. polyester/cotton. The generously cut sleeves and hood, and quilted to an inside lining of world. Its two ply construction is 166 × 66, 60/2 × Stormfibre, a closely woven 8 oz. material which is one product is one incredible garment, perfect as car coat Stormfibre outer, and poly/cotton lining, and the end stress points are bartacked. Add these features to the double stitched, all body pieces are overlocked and all able: the sleeves, side seams, pockets and zippers are guard clothing, the sewing reinforcements are formidand a waist-high nylon drawcord. Like all our Polarpockets with Velcro closures, two handwarmer pockets, gusseted wrists with Velcro adjustments, four cargo zipper, covered by a Polarguard-filled weather flap fasteners. Other attributes are a two-way #10 Vislon and a roomy hood with drawcord and leather slide ner layer of Polarguard, fully lined through body 30/2. Warmth and comfort are the result of a thick instadium coat, or snow coat With the development of a remarkable fabric,

Average Weight: 44 oz

Available in Rust, Royal Blue or British Tan

XS, S, M, L, XL

ROCKY MOUNTAIN PARKA

Our explosive new version of the ROCKY MOUN-TAIN PARKA features a scalloped western style shoulder yoke of waterproof nylon taffeta, Velcro® wrist closures, and hexagon pocket flaps with hidden Velcro® strips. Backing up its exciting appearance is a mixture of high quality materials and top-notch construction. An outer layer of wind-tight, water-repellent 65%/35% polyester/cotton makes the ROCKY an all terrain parka, perfect for the hard and constant user with a

"haven't got time for maintenance" attitude. This superior blended fabric is treated with a tough protecttive finish and is made especially for Snow Lion. The waterproof shoulder yoke extends to cover the upper back and collar



waist. Like the PALISADE every part (sleeve, pocket, body, etc.) of the ROCKY MOUNTAIN is individually cargo/hand warmer pockets, a two-way, #5 Vislon zip-Standard features include two Polarguard-filled enough inside room for a heavy shirt or sweater stop nylon. When wearing the ROCKY MOUNTAIN, guard quilted to a colorfully contrasting lining of ripthan dynamite. Just about everyone who tries on this All stress points are bartack reinforced. Add all these cut and Overlock Stitched before being sewn together of the optional hood, and a nylon drawcord at the per with a snap down weather flap, a 3" Polarguardthe suggested fit allows good arm flexibility and just ROCKY MOUNTAIN and test your will power! "one of a kind" parka wants to own one. Try on a features together and the finished parka is nothing less filled collar, our extended fabric system for attachment Beneath the outer shell is a thick layer of Polar-

Average Total Weight: 39 oz.

Available in Navy, Forest Green, Mahogany (Taffeta Yoke in Assorted Colors)

XS, S, M, L, XL

OSEMITE VEST

sleeve shirt as well as under a light shell or insulated through vests and makes it perfect for use over a long struction makes it considerably warmer than sewnquilted to 1.9 oz. ripstop nylon. The double layer conquilted vest made with two offset layers of Polarguard comments we receive about this garment. It is a double useable. This thing really hangs tough!" The piece. Drench it, wring it out, and it's immediately parka. It features two Polarguard-filled hand warmer preceding, from a YOSEMITE owner, is typical of the backpackers and skiers walled climbing, most YOSEMITE owners are everyday cold weather expeditions and as an outer for drippylock stitching and all stress points are bartack reinkidney extension. All inside pieces are joined by overguard-filled hand warmer pockets, overlapping snap pockets, overlapping snap front closures, a Polarforced. Although used extensively as an undergarment in front closures, a 3'' Polarguard-filled collar, and a rear "Kick the hell out of it and it still stays in one

Average Total Weight: 14 oz

Available: Royal Blue, Spruce Green or Tan

XS, S, M, L, XL

TETON VEST

two Polarguard-filled hand warmer pockets, a 3" Polarester/cotton, specially woven for Snow Lion by one of ations and contrasts make the versatile TETON as wildstress points are bartack reinforced. The fabric combinguard-filled collar, and a rear kidney extension. All Other features include overlapping snap front closures. the premier makers of durable outdoor materials. wind-tight, water-repellent blend of 65%/35% polyner lining and covered by 65/35 cloth. This fabric is a thick layer of Polarguard quilted to a ripstop nylon increw of Courageous must have agreed, they wore the ly attractive as it is durable, dry, and dependable. The inside pieces are joined by Overlock Stitching and all TETON during their successful defense of the 1977 America's Cup The TETON is a rugged, good looking vest with one

Average Total Weight: 18 oz.

Available in Navy, Mahogany or Forest Green

XS, S, M, L, XI



EXPEDITION OVERPARKA

thickest Polarguard garment, it is by no means "too ayered insulation principal. Special attributes are a large integral hood with nylon drawcord and snap closures, inset wool wristlets, and a two-way, #10 zipper with snap down weather flap. Standard features inparkas is created. Its existence obviously supports the clude two outer cargo pockets with Velcro® closures, hand warmer pockets, nylon drawcords at waist, thigh, 1974/75. Since expedition members raved about its durability and performance, we decided to make the OVERPARKA available to the general public. It is generously sized to fit comfortably over lighter parkas, vests and shirts. The construction is Offset Double Quilt everywhere: body, sleeves and hood. Although it is our This garment was specially developed for several major American expeditions during the winter of thick." When combined with other layers of clothing, a degree of versatility not found in "super thick". and hood and a waterproof stuff sack.

Average Total Weight: 2 lbs. 9 oz.

Available in Midnight Blue or Rust

S, M, L, XI

POLARGUARD PANTS

Our high back POLARGUARD PANTS are composed of one quilted layer of ripstop nylon and Polarguard attached to an outer shell of 2.2 oz. water-repellent nylon taffera. The cut is extra long and roomy to provide maximum bend and flexibility. #5 Vislon zippers extend up the inside length of both legs so that the zippers may be paired to form a half sack. The zippers

open from the bottom as well as the top to coordinate with boots and/or crampons. Each leg zipper is backed by a Polarguard-filled draft flap. The **PANTS** also feature a fly zipper, covered by a snap down weather flap. Patch pockets with Velcro® closures are sewn to the front thigh of each leg.

Average Total Weight: 1 lb. 8 oz.

Available in Orange

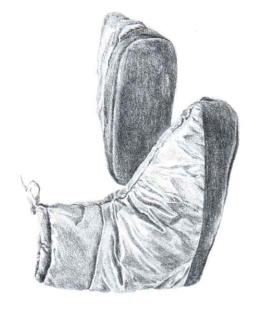
S, M, L, XL

POLARGUARD MITTS

Protection of the hands is critical to anyone who plans to spend time in cold or wet-cold conditions. Unlike down, which quickly absorbs moisture and becomes non-functional, Polarguard maintains insulation when wet and keeps the hands warm and dry. Our MITTS average 13" in length, covering the hand as well as the forearm. The entire palm side of each mitt is covered with rugged 11 oz. waterproof Cordura. The back side covering is 6 oz polyester/cotton, breatheable and water-repellent. Both sides are insulated with a single layer of 10 oz. Polarguard. The inner lining is 1.9 oz. ripstop nylon. Wristlets are sewn inside each mitt to help retain warmth and prevent snow from creeping in. The fit is controlled by a strip of 3/4" nylon webbing and an easy-to-adjust buckle located at the outer wrist.

Available in Assorted Colors





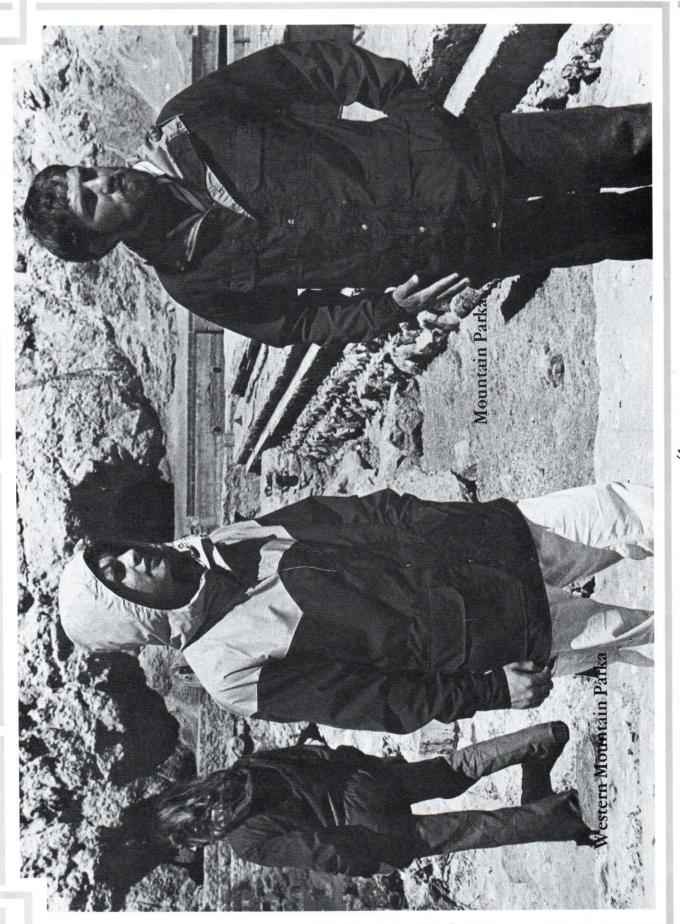
BOOTIES

the sides from the sole for added stability. The inner and outer shells are 1.9 oz. ripstop nylon. Elastic extends across the ankle and instep to hold the foot in uppers. The sole is 11.5 oz. waterproof Cordura, backed ered layer of Polarguard. The Cordura extends 11/2" up tunately, conventional down booties offer almost no a realistic alternative, for they have been designed to provide insulation and walkability as well as warmth and comfort. These BOOTIES are so well liked that numerous alpine expeditions have used and sworn by them. One returning member of a successful expedi-They are 10" high with double layer Polarguard Booties are great for keeping feet warm on cold nights around camp or chilly evenings at home. Unforfoot support, are difficult to walk in, and become useless when wet. Our POLARGUARD BOOTIES provide tion described them as "the greatest invention ever!" by a 1/2" ensolite pad, and topped with a nylon covplace when walking. A drawcord is located at the top.

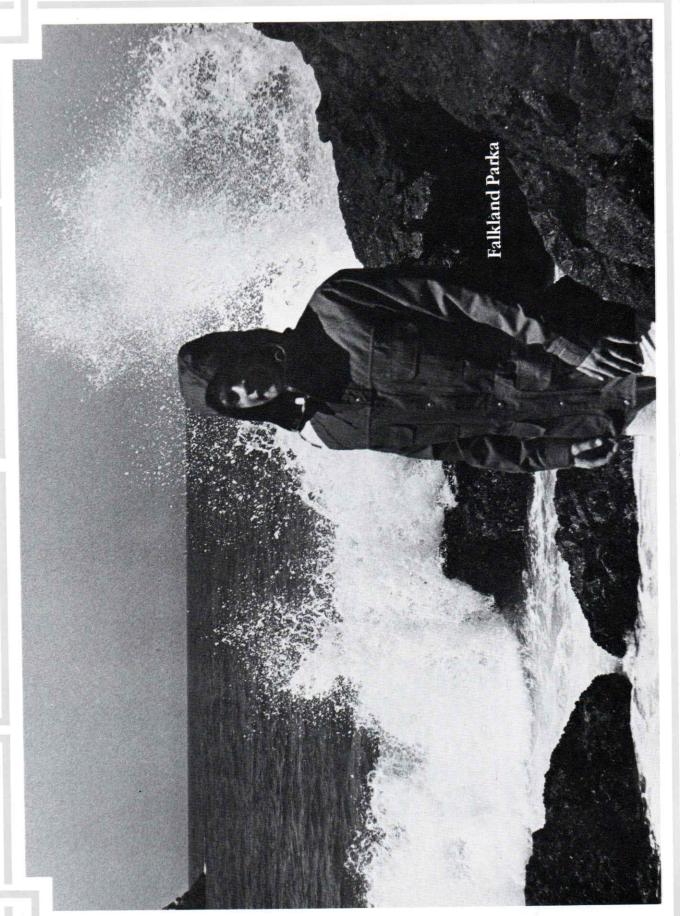
Available in Assorted Colors

XS, S, M, L, XL









WESTERN MOUNTAIN PARKA

When we designed this parka, our goal was to combine good looking features and styling with super functionality. After consulting our nation-wide network of mountaineering shops and after putting together and testing numerous prototypes, we finally began manufacturing a unique, highly versatile garment, which we later dubbed the **WESTERN MOUNTAIN PARKA**. For the base exterior fabric, we asked one of the world's premier makers of durable outdoor fabrics to make a wind-tight, water-repellent blend of 65% polyester/35% cotton specially for us.



gussets. We designed a tailored raglan, sized to look was adjusted by Velcro® tabs and sewn-in triangular controlled the tension at the waist. Wrist ventilation and vertical chest and rear pockets with #7 Ziplon coil and 5" Velcro® closures, two handwarmer pockets. sleeves were lined with the same blended polyester/ Another drawcord with leather slide fasteners through a nylon drawcord with leather slide fasteners the WESTERN featured a large integral hood, adjusted touching the throat. Like the MOUNTAIN PARKA flap; an inside 65/35 flap to prevent the zipper from covered by a large, double-layer, snap-down weather zippers. The front zipper was a two-way, #10 Vislon, pockets: two lower cargo pockets with "no-loss" flaps cotton as the outer shell. To the outside we installed six and tightly woven hand. The inside lower body and was unmatched among natural fabrics for its durable 100% cotton Stormfibre. This highly regarded material upper body, hood and shoulders were introduced to loped "western style" yoke of waterproof nylon taffeta ders, hood, upper back and upper chest with a scalweather capability of the parka, we covered the shoul-We lined the interior with two fabrics. The inside To improve on the all-

and fit well with or without bulky undergarments. Double needled sleeve and side seams, bar tacked stress points, and Overlock Stitched interior piecing were standard. In the end, we had built a parka which became our most popular shell in its first year out. It was natural, then, for us to make the WESTERN MOUNTAIN PARKA available in women's sizes.

Average Weight: 34 oz.

Available in Navy, Mahagony or Forest Green (Taffeta Yoke in Assorted Colors)

Women: S(8-10), M(10-12), L(12-14)

Men: XS, S, M, L, XI

MOUNTAIN PARKA

closures; lower pockets are complete with no loss flaps er pockets with double-stitched flaps and Velcro® PARKA features seven pockets: pleated upper and lowdergarments. Ruggedly attractive, the MOUNTAIN adds a measure of toughness not found in lighter, parwarmer, more water-repellent and wind-tight, but also outer shell is a 6.5 oz. blend of 65% polyester/35% zipper from touching the throat. The large integra down weather flap. An inside 65/35 flap prevents the #10 Vislon, covered by a large, double layer, snapthe spacious rear pocket. The front zipper is a two-way and handwarmer pockets; a #7 Ziplon coil zipper closes raglan, sized on the large side to fit well over bulky untially lined shells. The cut is a thigh-length, tailored This full, double lining not only makes the parka oz. 65/35 cloth. Unlike most shell garments, the 65/35 cotton specially woven for Snow Lion. The lining is a 4 emphasis on durability, function, and fit. The two-ply the answer: a doubly rugged 65/35 parka with the double layer parka. Our new MOUNTAIN PARKA is widespread desire for a super tough, multi-purpose garments on the market. While a number of lining covers the entire parka—sleeves, body and hood cosmetically attractive lightweight shells seem to predominate, the consensus of opinion indicates a the state of the art in the design and production of shell In refining this parka, we have taken a hard look at



hood is roomy enough to accommodate a wool cap and includes an adjustment system which is controlled via a nylon drawcord with leather slide fasteners. Another drawcord with leatherslide fasteners controls tension at the waist. For optimum flexibility, the wrist is adjusted by generous Velcro tabs and sewn-in triangular gussets. In addition to all these features, the MOUNTAIN PARKA's greatest asset is its unsurpassed level of sewing detail: the sleeve and side seams are folded and double-needled; all other pieces are Overlock Stitched; all stress points are bar tack reinforced. The resulting combination of materials, design and workmanship makes this parka one of the truly outstanding values in the mountaineering world:

Average Weight: 32 oz.

Available in Navy, Mahogany, or Forest Green

XS, S, M, L, XL

HIGHLAND PARKA

upper pockets with Velcro closures, a rear pocket with a #7 Ziplon coil zipper, a two-way #10 Vislon front zipper mountaineering community. A kilt-weight, 14 oz. blend of 85% pure Australian lambs wool and 15% nylon is woven and dyed to our specifications and is Green 65/35, handsome Dress Mackensie creates a striking contrast when sewn inside our Navy Blue hood, and shoulders of every HIGHLAND PARKA. In with snap down weather flap, and triangular gussets at garments. Its initial six month sales volume has set a than our other shells, this tastefully stylish parka detailed needlework. The outer shell, as well as the this exceptional 6.5 oz. cloth to the lower quality 65/35 try. After careful examination, you'll notice that the ent, with fewer streaks, bumps and flaws. While our 65/35 is certainly noteworthy, it is the upper lining which gives the HIGHLAND its distinctive place in the manufactured exclusively for us. This warm wool blend 65/35, and a daring meeting takes place between the addition, this parka is loaded with functional features: two lower pleated cargo pockets with no loss flaps and Velcro closures, handwarmer pockets, two pleated the HIGHLAND has become one of our most popular record for new Snow Lion products. Cut 4" shorter repellent 65% polyester/35% cotton fabric. Compare weave of our shell fabric is far more even and consistis lightly brushed and dyed in authentic tartan plaids. Popular Royal Stewart compliments our deep Forest aristocratic Ross Hunting and our British Tan 65/35. Since its introduction during the summer of 1977, combines exciting and expensive fabrics with durable, ower lining, consists of our exclusive wind-tight, waterand 60/40 fabrics which are commonplace in our indus-These stunning wool tartans line the upper back, chest. he wrists with Velcro adjustments.

Tension and fit at the hood and waist are controlled via nylon drawcords with leather slide fasteners. To keep all these features in place, double stirching and barrack reinforcements are everywhere. Extremely detailed workmanship is standard. In view of the HIGHLAND's rare combination of fabrics and features, it has no peer in the world of mountain shells.

Average Weight: 38 oz.

Available in Navy Blue, Forest Green and British Tan (Tartan linings are described above.)

FALKLAND PARKA

vertical zippered pocket onto the back, and the lining is sistency of combed cotton is fantastic. One of the world's foremost cotton mills weaves Stormfibre PARKA, six pockets are sewn onto the front and a poplin rainwear we have seen. Its incredibly dense two water-repellent, yet breatheable. Its hard finish is exclusively for Snow Lion. Like the MOUNTAIN wind out? One that will shed water? One that is so fits well when worn alone? One that provides an extra any situation? We believe that building each of these parka. The FALKLAND is such a parka. Its outer cloth ply weave, 166 × 60: 60/2 × 30/2, is exceptionally cough and abrasion resistant. To the touch, the con-What is the perfect shell parka? One that will keep the tough that it will stand up to relentless abuse? One that is sized large to accommodate vests and sweaters, yet measure of warmth? One that possesses the right amount of pockets and ventilation adjustments to meet capabilities into a single garment yields the perfect shell is Stormfibre, a 100% cotton fabric which surpasses any the same 4 oz. polyester/cotton blend Unique to the FALKLAND,

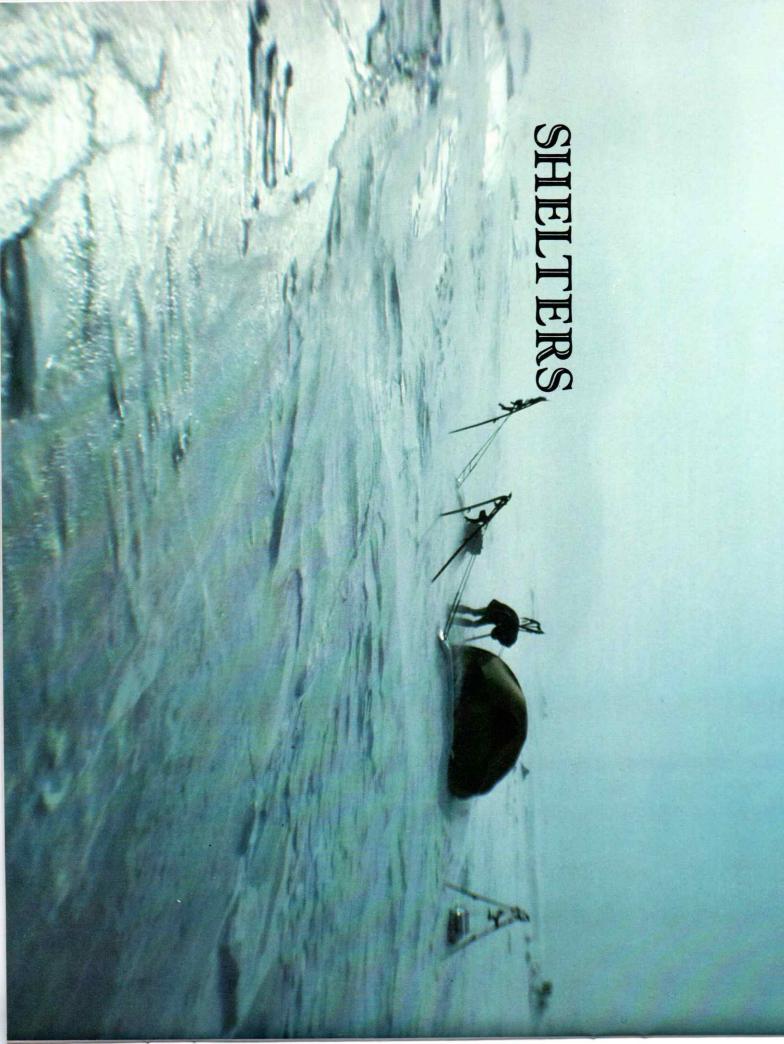
however, is a layer of polyester netting sandwiched between the outer shell and lining throughout the upper front and back, shoulders, hood, and upper sleeves. This inner netting system helps prevent moisture from passing by contact from the

"extra measure of warmth." Another zippered pocket is located inside the left chest. To regulate ventilation, the FALKLAND is equipped with a two-way #10 Vislon zipper with snap-down weather flap and Velcroadjustable triangular gussets at the wrists. Drawcords with leather slide fasteners are located at the hood and waist. Importantly, because the FALKLAND is built to last a lifetime, every stressed seam is double stitched. The inner nylon netting is held in place by double rows of stitching visible across the upper chest and back. Barrack reinforcements are plentiful. As the preceding makes clear, the FALKLAND has been designed to be used and used hard, regardless of weather. It is our idea of the perfect shell.

Average Weight: 42 oz.

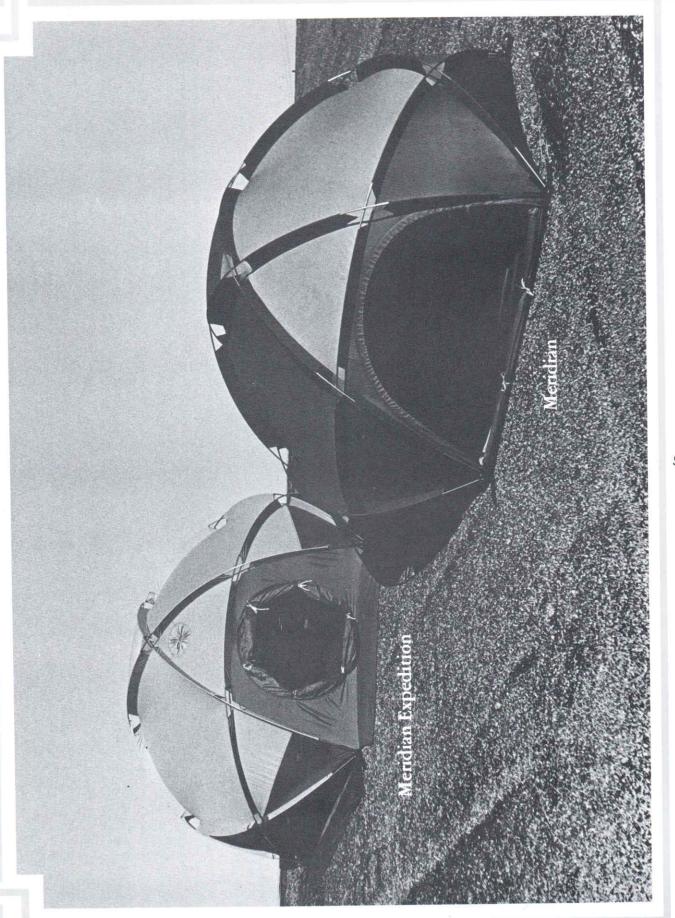
Available in British Tan, Royal Blue, or Rust

XS, S, M, L, XL









A-FRAMES: TRIPLEX AND MOUNTAIN

In the world of high altitude tents, stability is the first consideration and the time-tested, low profile A-Frame has performed with distinction. However, such tents are often criticized for lack of room. The triangular space along the upper ridge is virtually non-functional, and the side walls are necessarily steep to prevent snow loading. Anyone who has spent even a few days tent-locked, waiting for a snow storm to subside, will readily attest that space is critical in the inevitable fight against boredom and anti-sociality. The TRIPLEX and MOUNTAIN represent the only A-Frames which effectively combine stability and overhead space. The option of adding our technically advanced MODULES gives these tents a measure of versatility unmatched in the mountaineering industry.

THE ARC EFFECT

A combination of stability and space has been achieved through the creation of our unique Arc Effect. This unprecedented technique improves the traditional A-Frame concept by replacing the pointed, canopyridge with a curved strip of nylon, which runs the length of the tent. The Arc-Effect is created when leather inserts, sewn into the ridge near the apex of the poles, absorb tension along the ridge and form a slight

arc. This complex technique involves special catenary patterns and labor intensive sewing procedures. However, it has three major advantages over standard A-Frame designs, making the extra production time well worth the effort.

First, is substantially increased headroom. The Arc Effect actually makes it possible to conduct routine activities, without constantly rubbing against the ceiling.

Second, the curved top produces a warmer tent by increasing air flow and wind stability dynamics. Our rounded canopy allows the air to flow smoothly over the tent, while the triangular tops of conventional tents deflect the air. This deflected air *dents* the canopy causing air to circulate inside the tent. Motionless air provides the greatest insulation. Thus, all other things being equal, the less disruptive air flow of the *Arc Effect* design yields a warmer tent.

Third, the Arc Effect creates greater floor-space-to-height ratio while maintaining snow-load efficiency. The explanation is simple. To prevent snow from crushing the A-Frame tent, the angle of steepness for canopy walls has been fixed, by tent makers over the years. On conventional tents, the angle begins at the vertex of the triangular top. However, a vertex producing an angle of the same degree on a Snow Lion tent is located at a point above the apex of the ridge curve—where the walls would intersect if extended. Hence, when the heights of the tents and the angles of steepness are equal, Snow Lion tents have wider bases and greater floor areas than conventional tents.

Conventional A-Frame
Convention dent causes interior air circulation

Snow Lion "Arc Effect" virtually no dent air flows with curve

MOUNTAIN TENT

The Snow Lion MOUNTAIN TENT offers the ultimate combination of wind stability, room-to-weight efficiency, detailed workmanship, and functional versatility among tents under 6 lbs. total weight. It is a tough, wind-tight, two-person tent, intended for the serious backpacker as well as the weight-conscious mountaineer.

created by the curved Arc Effect, which allows unresterior air circulation. In fact, with the low end facing tricted head movement near the front of the tent. The creating additional space. Even more useful space is plenty of room for two plus gear. When the side pullfront, 63" at the rear. The floor dimensions are 90" x configuration at both ends. The height is 44" at the Mt. Shasta. formed effectively in 110 MPH winds on California's directly into the gale, the MOUNTAIN TENT has perresult is a taut and wrinkle-free tent with minimal inouts are extended, the lower walls become vertical the average two-person high altitude tent. There's tionally spacious 34.37 sq. ft. is considerably larger than 55". For a low profile tent, the MOUNTAIN's excep-The MOUNTAIN TENT features our A-Frame pole

The entrance is a zippered triangular storm door backed by an insect screen of the same shape. The outer door is made of 2.5 oz. Super Coated nylon taffeta and the insect mesh is a special nylon knit with bounce-back, multi-stretch properties. Both doors feature #7 Ziplon coil zippers. The three-sectional, tubular aluminum poles are shock-corded and slip into long nylon sleeves. At the rear of the tent, a triangular window with a nylon insect screen and zippered storm flap is neatly double stitched into the back panel.

If more room is desired or extended winter mountaineering, ski-touring, and/or snow camping is planned, our optional SNOW MODULE may be zipped onto the entrance. The MODULE is joined to the tent by a 142", separating #5 Vislon zipper with coated weather flaps. The trapezoid-shaped MODULE adds 3% ft. to the length of the tent, making the expanded version 11.16 ft. long. The MODULE features a tunnel entrance, tunnel vent, and zippered cookhole. When attached, the storm and insect doors may be unzipped, folded, and tied down to make the MODULE an integral part of the tent.

Other features include an inside storage pouch, our unique, fitted rain fly, snaps for attaching an optional FROSTLINER, and stress reinforcement procedures which are meant to last the life of the tent. It is, with-

out question, one of the finest mountaineering tents in the world

SPECIFICATIONS

Tent Weight: 2 lbs. 12 oz.

Fly Weight: 1 lb. 4 oz.

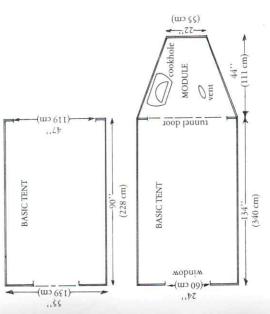
Pole Weight: 1 lb. 5 oz.

Fotal Weight: 5 lbs., 6 oz. (Includes Fly, Poles, and Pegs) Front Height: 44"

Rear Height: 36"

Optional Module: 1 lb. 12 oz.

Optional Frostliner: 1 lb. 2 oz,



TRIPLEX

technology: complete seasonal flexibility based on the expansion-module concept. The TRIPLEX system begins The TRIPLEX advances the state of the art in the manufacture of A-Frame tents to the limits of designing with the basic tent and can be variably enlarged by attaching one or two SNOW MODULES.

The basic TRIPLEX is the most practical four season tent on the mountaineering scene. Its performance characteristics are outstanding; it is built to withstand high winds, to survive the stresses of heavy snowfall, and to provide an uncommon degree of space and livability

designed to accommodate two persons in comfort, the nylon knit. Both feature #7 Ziplon coil zippers. This and tied down, making the MODULE an integral part comodate a two-person expedition with gear. If FROSTLINER is available. For further expansion, two MODULES may be zipped onto the basic tent, one at each end, forming an incredible 15 ft. long, fourperson tent. This modular expansion capability makes under conditions of prolonged confinement. Although gular dimensions, 94" x 60", yield an extremely generous 39.16 sq. ft. of floor space. When the side pullouts are taut, the lower walls become vertical, creating an additional volume of useful space. The curved Arc Effect resistance is achieved through the proven resilience of ts double A-Frame construction, the superior air flow characteristics of its overhead Arc Effect, its catenary-cut patterns, and its equal-tension side pullouts. In another is equipped with identical zippered entrances at each Super Coated nylon taffeta and the latter of 1.1 oz. quick access entrances are available in a mountaineering tent for year-round use instead of one. If extended winour revolutionary optional SNOW MODULE may be oin to any basic TRIPLEX TENT via 156" separating #5 Vislon zipper with weather flaps. The trapezoidshaped MODULE adds 3 % ft. to the length of the tent and features a tunnel door, overhead tunnel vent, and a zippered cookhole. When attached, the storm and inof the tent. Although the basic TRIPLEX is larger than most tents with vestibules, the TRIPLEX plus MODULE is an all-weather survival shelter large enough to acextended sub-zero use is anticipated, an optional the TRIPLEX the most versatile mountaineering tent allows for ample head movement. Extremely high wind departure from traditional tent design, the basic TRIPLEX end. Both entrances have two triangle-shaped zippered storm and insect doors. The former is made of 2.5 oz. identical door system means that, two easily usable, zipped onto either door. Any TRIPLEX MODULE will sect doors of the basic tent may be unzipped, folded, **TRIPLEX** easily sleeps three when necessary. Its rectanter activity is planned or more interior room is desired available.

Other features include two inside storage pouches, storm flaps to protect the entrance zippers, our unique fitted rain fly, snaps for attaching the optional FROST-LINER, and stress reinforcement procedures which are meant to last the life of the tent. Add these to the innovative construction methods mentioned above and the result is a durable, super-functional shelter. invite comparison.

SPECIFICATIONS

Fent Weight: 3 lbs. 10 oz.

Pole Weight: 1 lb. 8 oz. Fly Weight: 1 lb. 9 oz.

Foral Weight: 6 lbs. 14 oz. (Includes Fly, Poles, and Pegs) Optional Frostliner: 1 lb. 4 oz. Optional Module: 1 lb. 14 oz. Center Height: 40" End Height: 45"

(wo 55) Too cm 39. MODULE tunnel door BASIC TENT (238 cm) (462 cm) 182 (125 cm) (132 cm) 0 (111 cm) MODULE 44''

MODULES

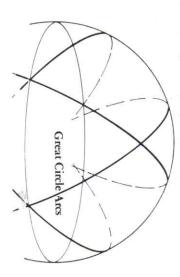
Our optional MODULE is a self-contained chamber which may be zipped onto the entrance of a TRIPLEX or MOUNTAIN TENT to form an integral extension with a tunnel door, cookhole and tunnel vent. The MODULE transforms the basic tent into a practical and highly versatile shelter system: it can be used on summer trips when added space is desired; it is a tremendous convenience for extended winter use. The MODULE is extremely easy to attach and set up; only two additional pegs are required. When attached, the MODULE forms a 44" long trapezoidal compartment with waterproof taffeta floors and sidewalls and a breatheable ripstop top. The breatheable portion is designed so that the regular tent fly protects it from snow or rain. Once the MODULE is attached, the storm and mesh doors to the basic tent may be unzipped, folded, and tied down. Full use of the MODULE's 44" ength is achieved by the construction of an A-Frame pole arrangement at the small end of the compartment. This not only increases the functional space, but increases the overall stability of the tent-module system. Other features include an adjustable tunnel vent with a mesh screen and a crescent-shaped, zippered cookhole. Each Snow Lion tent is equipped with the zipper facing to accept the appropriate MODULE.

Stuff sack included.

MERIDIAN EXPEDITION

Geodesics are highly sophisticated structural systems with strength to weight ratios which not only surpass all other structural systems, but also their own predicted strengths. Buckminster Fuller calls this "snyergy." Put simply, a synergetic system is one whose strength is not predicted by the sum of its parts.

The term geodesic refers to great circle arcs, or the largest circle which can be inscribed on a given sphere. Oddly enough, the shortest distance between two points on a sphere is a segment of a great circle arc. Most importantly, great circle arcs or geodesic lines are also the shortest, most efficient paths for forces such as push (compression) or pull (tension) to follow.



Now, take these geodesic lines (the most efficient paths for forces) and arrange them around a sphere in such a manner that they intersect to form a triangular grid (the most efficient geometric structural units are triangles). The result is a system which is not only incredibly strong and light, but "synergetically" strong and light. The parts of the system work together so well that the result is stronger and lighter than would have been predicted by the sum of its parts.

Geodesics are not new; Buckminster Fuller first patented geodesic structures in 1954. By this late date, geodesic structures of myriad sizes and shapes have been tried and tested. What is new and unique, though, is that we are just now making the first *true* geodesic backpacking/mountaineering tent available to the public. The new Snow Lion **MERIDIANS** are exactly half spheres with each of the six poles following a true geodesic arc for the most efficient strength to weight ratio possible in a 3-4 man backpacking/mountaineering tent.

Every element of the Snow Lion geodesics has been painstakingly designed with the input of numerous structural engineers, aluminum alloy specialists, and a careful testing and evaluation program which included extended trials inside the Arctic Circle and in the mountain ranges of Alaska.

The most obvious characteristic of the Snow Lion geodesics is that they are incredibly smooth and taut. After returning from the 1977 Cathedral Spires Expedition, Michael Graber wrote that our MERIDIAN EXPEDITION "proved to be a valuable item during the 36 days that it was pitched on Alaskan galciers... We all agreed that it was the tightest tent any of us had used and it held up in wind like a mountain while only two corners were staked down."

architects like Frei Otto. Instead of simply attaching concept has long been applied to large scale projects by without high stress points. Add to all this combinations the flysheet and results in a uniformly tight flysheet taut. This distributes the tension all along the border of which results in a very high local strains, a cable is led guys at various points on the edge of a membrane backpacking/mountaineering tent. The cable border and the finest 3-4 person tents in the world materialize loops, giant tunnel doors, abundant, usable space, etc. tunnel cookholes, storage pouches, snow flaps, hanging of large zippered entrances, arc-shaped windows, vents through a sleeve along a curved border and then pulled first cable bordered fly sheet ever to be applied to a The MERIDIANS: available to the public on March 1. Another unique feature is the introduction of the

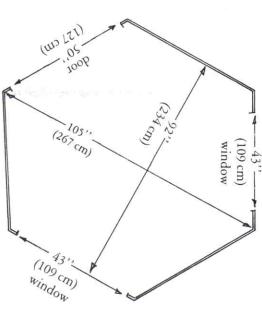
SPECIFICATIONS: MERIDIAN

Width: 105" (267 cm)
Height: 51" (130 cm)
Pole Weight: 2 lbs. 10 oz.
Tent Weight: 5 lbs.
Fly Weight: 2 lbs.
Stuff Sack, Peg Weight: 8 oz.
Total Weight: 10 lbs. 2 oz.

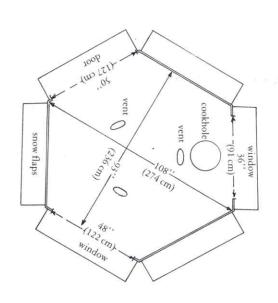
SPECIFICATIONS: MERIDIAN EXPEDITION Width: 108" (274 cm)

Height: 53" (135 cm)
Pole Weight: 2 lbs. 10 oz.
Tent Weight: 6 lbs. 12 oz.
Fly Weight: 2 lbs. 4 oz.
Stuff Sack, Peg Weight: 8 oz.
Total Weight: 12 lbs. 2 oz.

Meridian



Meridian Expedition



SNOW LION TENTS: MATERIALS AND WORKMANSHIP FABRICS

Only the finest quality lightweight fabrics are selected for use on Snow Lion tents. All nylon materials cut for floors, canopys, and flys are specially finished to meet C.P.A.I. standards for fire retardancy. Recent developments in the nylon finishing industry enable nylon fabrics to be made fire retardant without significantly increasing the net-weight.

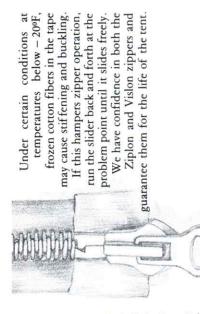
is used on the canopy of each tent and the upper portion of the MODULES; it is treated with a DWR (durable water repellent) finish, which allows water vapor to pass through; its firm finish and closely woven construction give it a structural integrity which easily accepts and releases the stress and tension of pullouts and guylines.

2.5 oz. SUPER COATED TAFFETA. This coated nylon has excellent hydrostatic resistance for maximum waterproofness. Its heavier weight and finish make it less susceptible to tears and punctures. For that reason, it is used on all floors, doors, and tunnels.

1.8 oz. LITE-KOTE TAFFETA. This fine nylon fabric is made specially for us as rain fly material. It features a light waterproof finish and an exceptionally high tear strength.

ZIPPER

The entrance to all Snow Lion tents as well as the MOUNTAIN TENT's rear window flaps feature closed-end, #7 Ziplon coils. These are exceptionally smooth sliding zippers which have performed effectively at –37°F. The self-repairing coils are made of 100% polyester. To connect the MOUNTAIN and TRIPLEX TENTS to the MODULES, we have selected a #5 Vislon separating zipper. Vislon zippers are made of injection molded plastic and have established an impressive, trouble-free performance record over the past three years. When plastic, rather than metal sliders are used, this zipper has operated effectively at –40°F.



POLES: MOUNTAIN AND TRIPLEX

Each A-Frame pole is made of drawn seamless tubular aluminum with a tensile strength of approximately 40,000 P.S.I. All end fittings are screw machined from solid aluminum bar. Absolutely no plastic parts are used. The unique top fitting is an aluminum ogive held in place by a spring-loaded steel pin; this design is by far the most efficient and durable peak connection we have seen. Each pole assembly is made of three sections which are shock cord loaded to eliminate the possibility of lost parts and to insure quick assembly and proper sequential arrangement. The shock cord is held in place by threaded aluminum fittings. We consider these to be the finest A-Frame tent poles available anywhere.

We guarantee them for

POLES: MERIDIAN AND MERIDIAN EXPEDITION

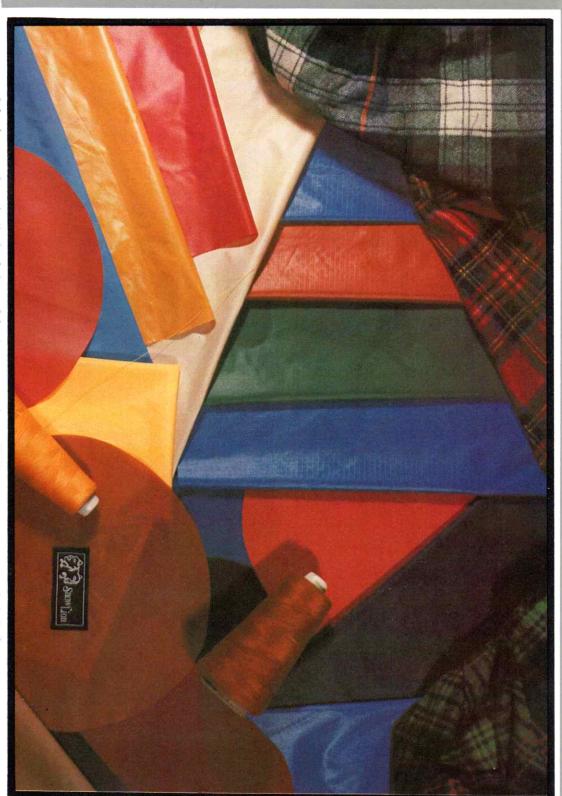
finest makers of lightweight aluminum tubing in the world. The tolerances on these poles are held to within poles manufactured exclusively for us by one of the one ten thousandth of an inch. In perfecting them, we were determined to overcome the breakage problems geodesics feature high strength, shock-corded keep the hard data confidential. Let it suffice that the results are unparalleled in the mountaineering combination of engineering factors, we prefer to incredibly light and durable pole set. Because and the wall thickness, we developed an of the time spent in finding the precise confronting other manufacturers using curved poles of aluminum alloy. The experimentation. By balancing many the aluminum, the tube diameter factors, including the hardness of solution came after months of

WORKMANSHIP

In the five years of our existence, we have earned a reputation for sewing excellence equalled by none. By spending nearly twice as much time as our competitors on tent construction, it follows that we are able to put together more complicated and more functional designs as well as take more care in monitoring sewing efficiency. To protect the quality and decrease the chance of careless mistakes, all Snow Lion sewing machine operators involved in tent production are paid high hourly wages—not speed-motivating piece-rates. In addition, an extremely high needle skill is required before

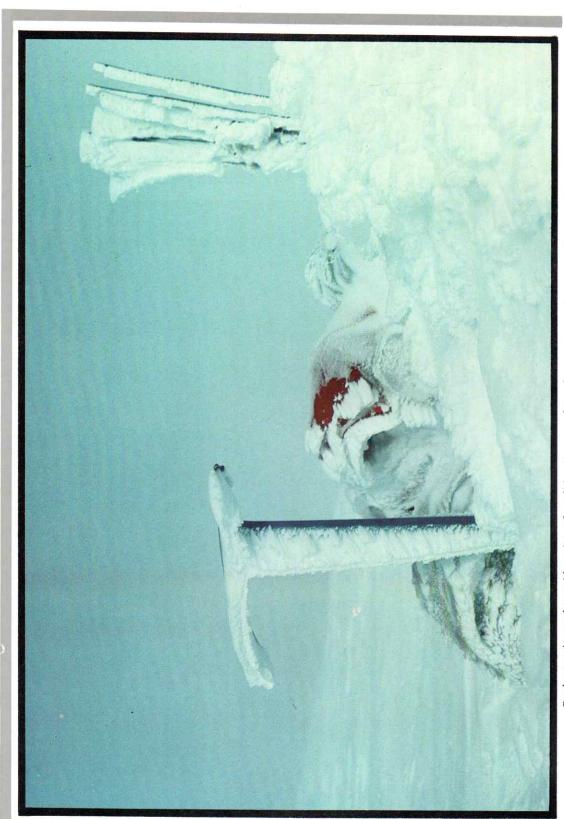


a man or woman qualifies for our tent production facility. The fruits of this rigorous attention to quality are seams which are neatly lap folded and double or triple striched. Fabric edges are neatly finished or seam capped, and strich lines of high-strength thread are unbroken throughout. On top of all this, every Snow Lion tent undergoes four complete inspections during construction. Thus, it is with confidence that we guarantee the workmanship for the life of each tent.



It has been our intention in the design and development of our 1978 products to use the most technically functional and comfortable fabrics available anywhere. In so doing, we have introduced materials never before used in the mountaineering/backpacking industry. For example, our 14 oz. blend of 85% virgin wool/15% nylon, 8 oz. 100% cotton Stormfibre, and two-ply 65%

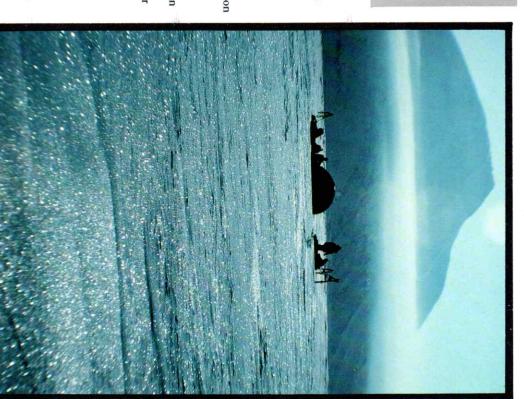
polyester/35% cotton, are woven exclusively for us. Other advanced fabrics such as cotton-soft Trinyl and 50 denier Nylsilk have never been so widely applied. In addition, our purchasing department insists that ripstop and taffeta nylons meet exacting quality tests before they grace our cutting tables. In short, we are dead serious about the quality of fabrics which make up our products. We invite comparison.



Product testing under a wide variety of conditions is a viral part of our research and development program. In addition to continuous testing in the Sierra Nevada, we have maintained a series of high altitude performance evaluations on expeditions world wide. It is our conviction that equipment use by experienced individuals in isolated and limited access areas under extreme and variable conditions provides the most significant index of product performance. For that reason, we have

formed a testing nucleus around some of America's most respected climbing and expedition figures, John Bragg, Jim Donini, Jim Erickson, Ned Gillette and Steve Wunsch. It is the refinements and design improvements gained by their evaluations and reports from expedition members which make product testing an essential part of our effort to perfect the sleeping bags, parkas and tents which we manufacture.

EXPEDITIONS 1975-1977



1975 Thin Air Expedition, Winter Attempt on 1975 Foraker South Face Expedition 1975 American Karakorum/Lobsang Expedition

1975 Saint Elias Traverse Expedition 1975 Baffin Island Expedition

1975 Back River Expedition 1975 Kitchatna Spires Expedition

1975 Cathedral Spires (Alaska) Expedition 1975 Silverthrone Tri-Pyramid Traverse Expedition 1975 Alpamayo Expedition

1975/76 American Torre Egger Expedition 1975 St. Elias West Face Expedition

1976 Denali Winter Expedition 1975/76 Canadian-British Patagonian Expedition

1976 Lenin Peak Pamirs Expedition 1976 Franco-American Expedition to Mt. Foraker

1976 Expedition to Aconcagua-Polish Route

1976 Mt. Foraker-Mt. Russell Expedition

1976 Anglo-Canadian McKinley Expedition 1976 Juneau Ice-Fields Expedition

1976 Mt. Blackburn Expedition

1976 Cathedral Spires (Alaska) Expedition

1976 Mt. Logan High Altitude Physiology Study 1976 Mt. McKinley Hang Gliding Expedition

> 1976 Indian-American Nanda Devi Expedition 1976 South Buttress Denali Traverse

1976 Denali Women's Expedition 1976 Gates of the Arctic Ski Traverse

1976 Andean Expedition

1976 Kitchatna Spires Expedition

1976 Mt. Burkett North Buttress

1976 Mt. Hayes Expedition

1976 WUS Bicentennial Denali Expedition

1977 Robson: Emperor Face Winter 1977 American Cerro Torre Expedition

1977 American Mt. Lucania Expedition

1977 Peak Deo Tibba Expedition

1977 Women's Khumbu Glacier Expedition 1977 High Arctic Expedition (Ellesmere Island)

1977 Fitzroy Expedition

1977 Mt. Blackburn Expedition

1977 Canadian Mtn. Lucania Expedition

1977 Nanga Parbat Expedition

1977 Mt. Logan High Altitude Physiology Study

1977 German/Mt. Foraker Expedition 1977 Mt. Hunter South Face Expedition

1977 Baffin Narwahl Expedition

1977 Cathedral Spires (Alaska) Expedition 1977 First Ascent of Great Trango Tower

1977 Nun Kun Expedition

EXCERPTS FROM EXPEDITIONS' LETTERS TO SNOW LION

MICHAEL GRABER

1975 KITCHATNA SPIRES EXPEDITION

On each climb we were wet, yet we stayed warm . . . At one point we would have died had it not been for "As far as the equipment was concerned, we couldn't have climbed what we did without the Polarguard. the Polarguard. No joke, it was that close.

CRAIG PATTERSON

chilly after a couple of weeks in winter conditions. This four week St. Elias expedition, with your double bag combination, was the first in which I was warm every tions, during both of which my bags started getting "I had been on two other mountaineering expedi-1975 SAINT ELIAS TRAVERSE EXPEDITION night. Never even came close to being cold."

GARY BOCARDE

"The Polarguard EXPEDITION OVERPARKA was really fantastic, it is so good, that it could be used with a half bag for Big Wall climbing in Alaska in the 1975 CATHEDRAL SPIRES (ALASKA) EXPEDITION

1975 AMERICAN KARAKORUM/LOBSANG MICHAEL COVINGTON EXPEDITION

was left with a pair of shorts, wind pants, and my Polarguard parka and pants to sleep in." By 2 a.m. the morning after reaching the summit, "The Karakorum had become enveloped in a raging blizzard . . . Despite my lack of sufficient undergarments, my Polarguard parka and pants allowed me to sleep warm and comwool pants and Snow Lion Polarguard bag were left at another camp and when a decision to attempt an alpine ascent at 20,400 ft. Lobsang Peak had been reached, I "Due to an extensive series of circumstances, my fortably the entire night."

SILVER THRONE TRI-PYRAMID TRAVERSE EXPEDITION, 1975 SANDY MAPES

EDITION and OVERBAG) is fantastic. Sublimation is the ticket here; it works . . . The wicking action of moisture from the internal shell was so good that I also between the two bags. The result left me an extremely "The down-Polarguard combination (LIMITED put my damp wool pants underfoot, sweater on top, inner boots and gloves and hats along the sides—all comfortable sleeping compartment."

BACK RIVER EXPEDITION, 1975 DAVE HARRISON

"The (Polarguard) bags were used to save two lives put into sleeping bags to bring their temperatures back up." after prolonged exposure to 48 degree water had to be when two of our party overturned in the rapids, and

STEVE ROSS

1976 DENALI WINTER EXPEDITION

"We encountered day time temperatures that tents covering the bags-a couple of times it was a foot seldom went to zero and a low night time temperature of -40°F. Many nights we had a lot of spindrift in the deep. Between cooking, spindrift and crawling into the bags with snowy and icy clothes, the bags got a real bags (MOUNTAIN LION SUPERS) for warmth and can We were pleased with the Polarguard heartily recommend them." workout . . .

CANADIAN-BRITISH PATAGONIAN EXPEDITION, 1976 GEORGE HOMER

"Your gear proved to be excellent. We found it to be much superior to down gear as it was frequently damp or wet due to the exceptionally inclement weather we experienced. Polarguard is obviously where it's at!"

1976 McKINLEY / MULDROW GLACIER EXPEDITION DAVE DENNING

of a very unfortunate fall at the 16,000 ft. level. Of the four climbers in the fall, two were dead and the other two were in rough condition, having spent the night out, stranded, in subfreezing weather. We were able to carry out a rescue of both survivors . . . We believe that three factors saved these two men. First, they possessed an incredible will; second, they were both wearing Helly-Hansen nylon-pile undergarments; third, they had Snow Lion Polarguard equipment including expedition POLARGUARD PANTS. I can think of no stronger testimonial to Snow Lion Polarguard equipment than having saved these lives. We all were impressed with our own Snow Lion equipment, but the accident and its results have made us all determined to have Snow Lion pants and bags on all "During our ascent, we happened upon the victims our future expeditions."

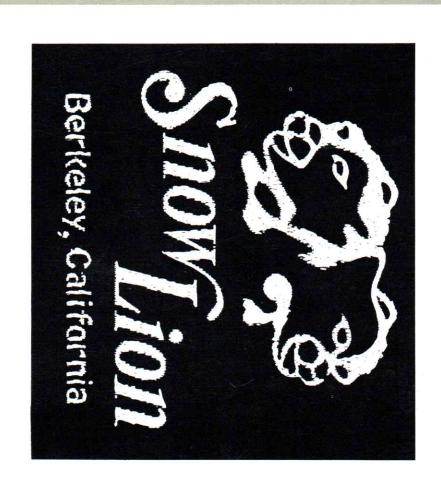
1977 HIGH ARCTIC EXPEDITION ELLESMERE ISLAND NED GILLETTE

completed our expedition . . . It is one of the tightest structures I have ever slept in." The double bag system was so warm that, although temperature averaged well below zero, we normally Without the steady performance of the MERIDIAN, we wouldn't have "Your Polarguard bags and clothing were excellent. slept in single bags . . .

1977 AMERICAN CERRO TORRE EXPEDITION JOHN BRAGG

"The Snow Lion gear was fantastic again . . . After spending considerable time in Patagonia. I am thoroughly convinced that Polarguard is the only way to go on high altitude snow and ice."

SNOW LION P.O. BOX 9056 BERKELEY, CALIF. 94701



LIFETIME GUARANTEE

Every Snow Lion product is guaranteed against defects in materials and workmanship for as long as it is used by the original purchaser. Claims will be processed directly through Snow Lion; there is no need to contact the dealer from whom the product was purchased. See product warranty tags for complete text and provisions.

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